

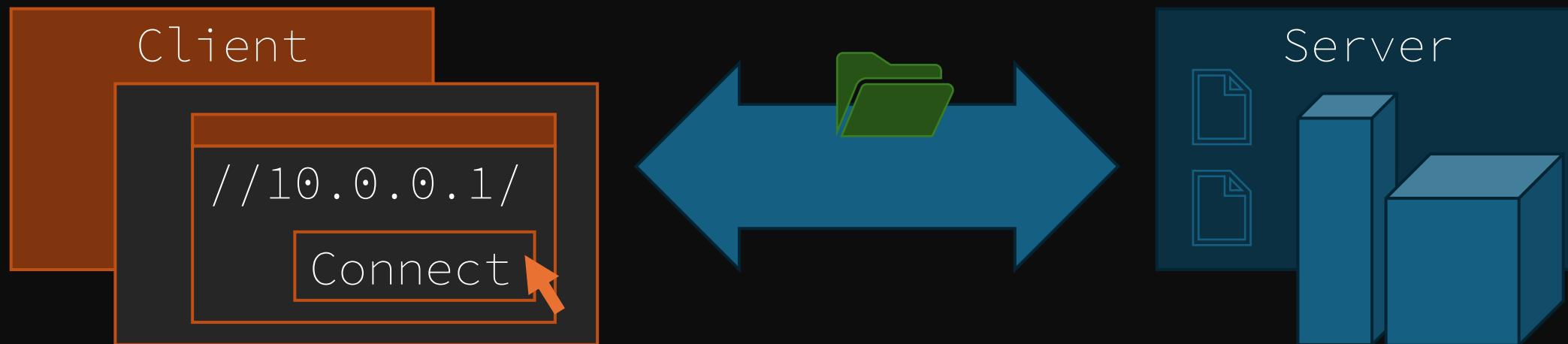
“no matter where you are, everyone is always connected”

13

Samba Config

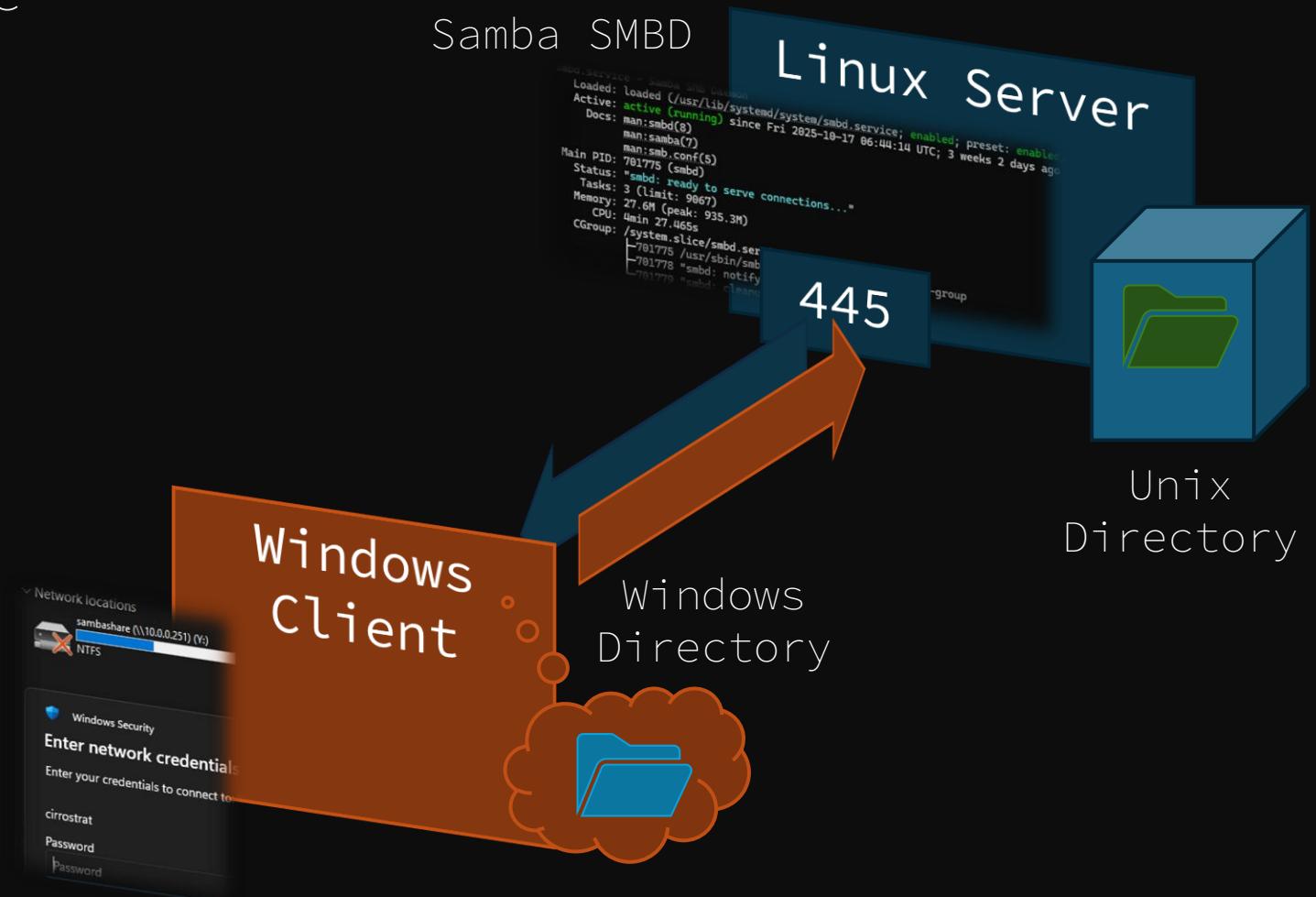
What is Samba?

Samba is a file and printer sharing service using the Server Message Block (SMB) protocol. It allows cross-platform file sharing between Windows and Unix-like systems.



Sharing with Windows?

Samba presents Unix-like directories to Windows systems over the network, and Windows systems view them as normal network-accessible Windows servers.



Samba Global Configuration

in file `/etc/samba/smb.conf`

```
[global]
...
server role = standalone
security = user
map to guest = never
restrict anonymous = 2
smb encrypt = required
log level = 2
log file = /var/log/samba/log.%m
max log size = 50
min protocol = SMB3
client min protocol = SMB3
deadtime = 5
```

The fine `/etc/samba/smb.conf` contains the settings for shared files.

This includes global configuration under `[global]` which we'll be configuring first.

Turning Off Printers

in file /etc/samba/smb.conf

```
[global]
...
printing = bsd
printcap name = /dev/null
load printers = no
disable spools = yes
```

If printers aren't required, you can turn them off as well.

Specific File Shares

in file /etc/samba/smb.conf

[share]

```
comment = This is my fileshare
path = /srv/share
read only = no
Browsable = yes
guest ok = no
valid users = username, @group
create mask = 0664
directory mask = 0775
```

Each file share is configured differently depending on ones needs.

Take a look at these common configurations and see what is required for your configuration.

Test of the Samba

in terminal

```
# testparm
```

The *testparm* command tests the Samba configuration. Run this command before restarting the Samba service to check the syntax of the config.