Connecting to a Network/Samba Share

This is a rough guide on how to connect to a Network/Samba Share

For PC

The best way is to map a network drive to the share. To do this, follow these steps:

1. Open an Explorer window.
2. Click on My Computer or This PC
3. Click on Map Network Drive
4. Select a drive letter for the pulldown next to Drive
5. In the box next to Folder:, type servername\share
6. servername and share are not valid names and must be changed, most users will need to change servername to samba.engr.ucsb.edu
7. It will then ask you for your logon credentials.

For Macs

1. Be sure you are on Finder.
2. Do Command-K to pull up the Connect to Server window.
3. Type in: cifs://server/share
4. It will then ask for your logon credentials.

Note

server - Name of the server you are connecting to. For College of Engineering, this is samba.engr.ucsb.edu
share - Name of the share you need to access.
For your login credentials, the username is just the part before the @. Example: johndoe would be the username for johndoe@engineering.ucsb.edu

Important

Mapping or connecting to the Network/Samba share requires the computer to be on the Campus Network or making use of the Campus VPN.

However, the Campus VPN is not allowed through the ResNet Wire(less) Network, so if you are working from the ResNet Network, you will have difficulty making connection to the network/samba shares due to these restrictions.

Please refer to Why is my VPN (Virtual Private Network) not Working? and VPN FAQ for more information.

Can't connect to the share

If you are unable to make a connection to the share, and you are also using the Campus VPN or you are on the Campus Network, there is a likely chance that you may have a Firewall setting that is preventing the connection.

Please visit this page to confirm that you have connected successfully to the Campus VPN Service prior to connecting to a remote Lab computer. If it reports an "off-campus" address, you will need to troubleshoot your VPN Connection.

Please see this page for further VPN troubleshooting information.

If it reports an "on-campus" address, please try disabling the Firewall to test whether or not you can connect to the share.

If you are able to make the connection, you may want to do a Google Search on 'samba ports firewall <name of security suite>’ on instructions on how to allow your computer the ability to connect to samba shares.
Windows specific issues

Windows 10

In some cases, Windows 10 may have issues connecting to the Samba Share.

To fix this, you may need to do the following:

1. Press the Start button (Should be the windows Icon in the lower left hand corner)
2. Type Turn Windows Features on or off and click on it when it shows up.
3. In the Windows Features window, scroll down until you find SMB 1.0/CIFS
4. Click on the + next to it, and check the box for SMB 1.0/CIFS Client
5. Click on OK.
6. It will ask you to restart your computer with the Restart Now button. You will need to restart your computer before you can try connecting to the network share.

Windows in General

In some cases, you may need to put engineering\<username> for the username if it does not recognize the credentials.

Related articles

- Connecting to a Network/Samba Share
- How to use Zoom
- Working From Home
- VPN FAQ
- UFW - Basics