

## Downloading and Setting Up CISCO Virtual Private Network (VPN) from an Off-Campus System

WebVPN (<https://webvpn.qatar.tamu.edu>) is the default for remote access to computer resources at Texas A&M University Qatar (TAMUQ). To access these resources, log into the website and enter your TAMUQ username and password. Once you are connected, you will have access to numerous resources (see Figure 2). Although WebVPN is convenient and easy for users to use, it does have some limitations in file transfers.

A second option for remote access to computer resources would be to download the CISCO Virtual Private Network (VPN) software client.

### Why Should I Use the Virtual Private Network (VPN) Service?

VPN service is useful for remote users (users outside of the campus firewall) who need the same level of access to campus resources as if they were actually on campus and connected to the campus network. The remote user's traffic is tunneled past the campus firewall via a software client installed on their computer. This avoids the need to open up exceptions in the firewall for services that remote users wish to access. The result is added convenience for remote users and increased security.

To download the CISCO VPN client, open a browser and log into <http://webvpn.qatar.tamu.edu>. A popup screen may appear stating that *You are about to view pages over a secure connection*. Click **OK**. Figure 1 below will appear.

1. Enter your TAMUQ username and password and click the **Log in** button (see Figure 1 below).

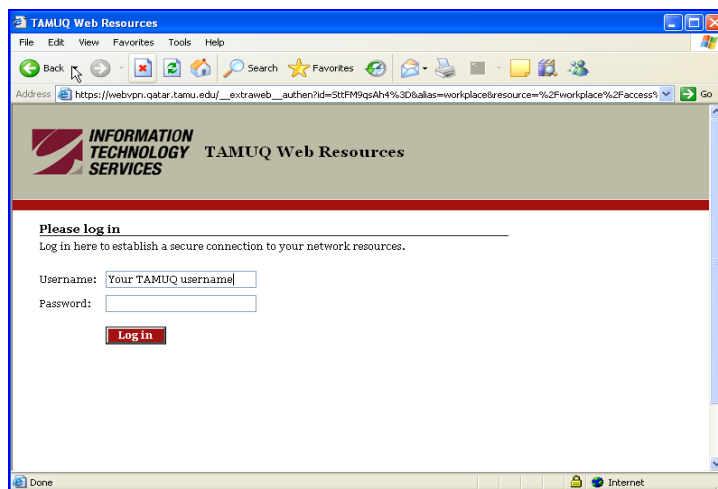


Figure 1

- The TAMUQ Web Resources screen will appear (see Figure 2 below). At the bottom of the screen is a section entitled **Network Shortcuts**. Click the **S:\ Drive** link.

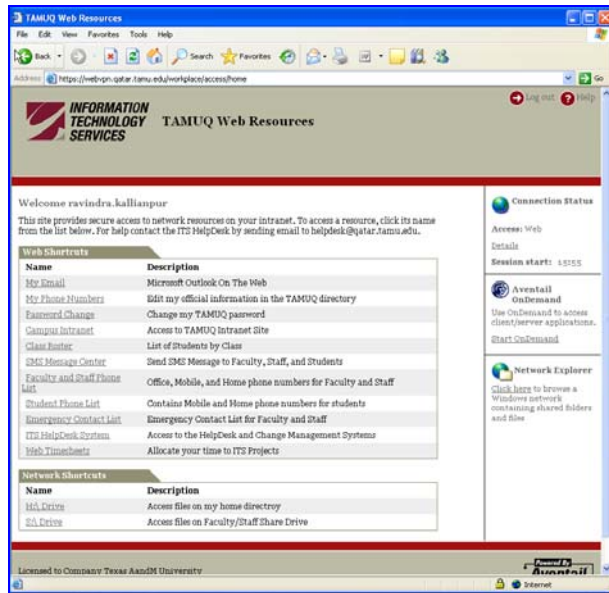


Figure 2

- The following screen will appear (see Figure 3 below). On the left hand side of the screen under **Folders**, scroll down the page until you see the folder entitled **Software**. Click on **Software**.

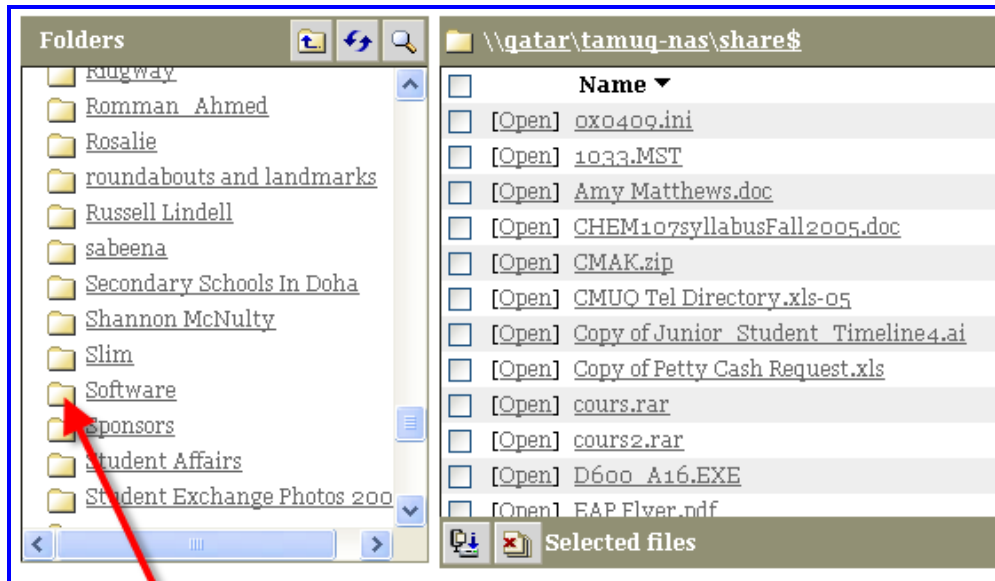


Figure 3

4. Inside the Software folder will be another folder entitled **Cisco VPN Client** (see Figure 4 below.)

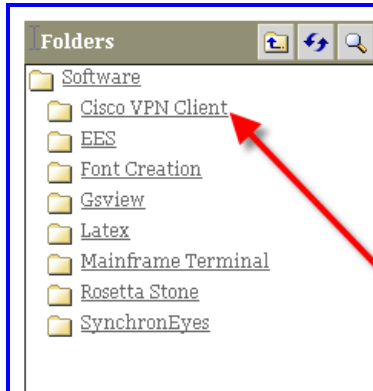


Figure 4

5. Click **once** on the **Cisco VPN Client** folder. The following screen will appear (see Figure 5 below). Click **once** in the square box located just to the left of **Name**. This will automatically select **all** files to be downloaded.

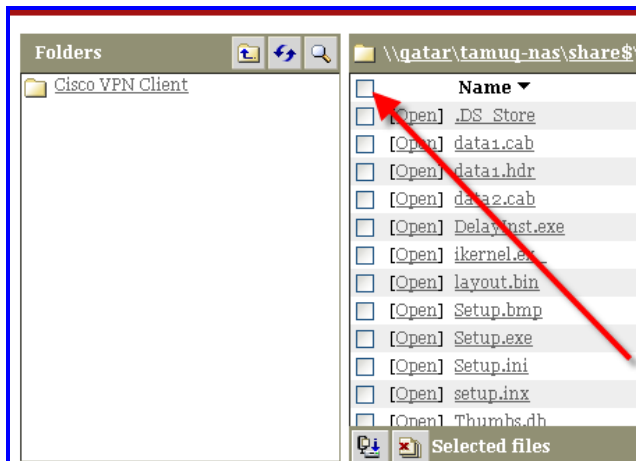


Figure 5

6. Click the **download button** located at the bottom of the screen (see Figure 6 below). The download will now start.

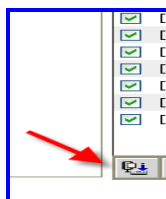


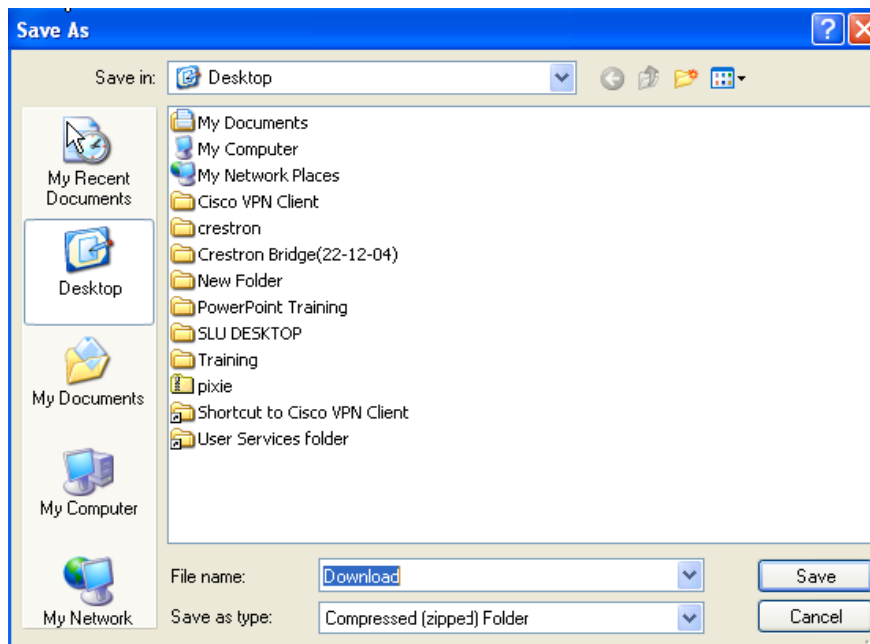
Figure 6

7. When the download finishes, the following screen will appear asking if you would like to open or save this file. Click the **Save** button (see Figure 7 below).



**Figure 7**

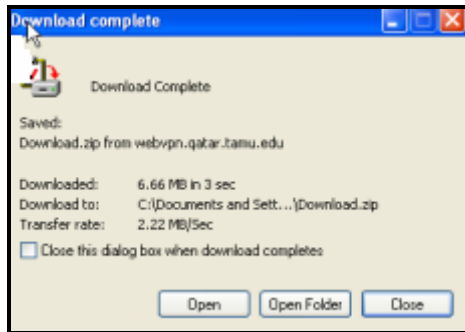
8. The Save As screen will appear asking you where you want to Save these files (see Figure 8 below).



**Figure 8**

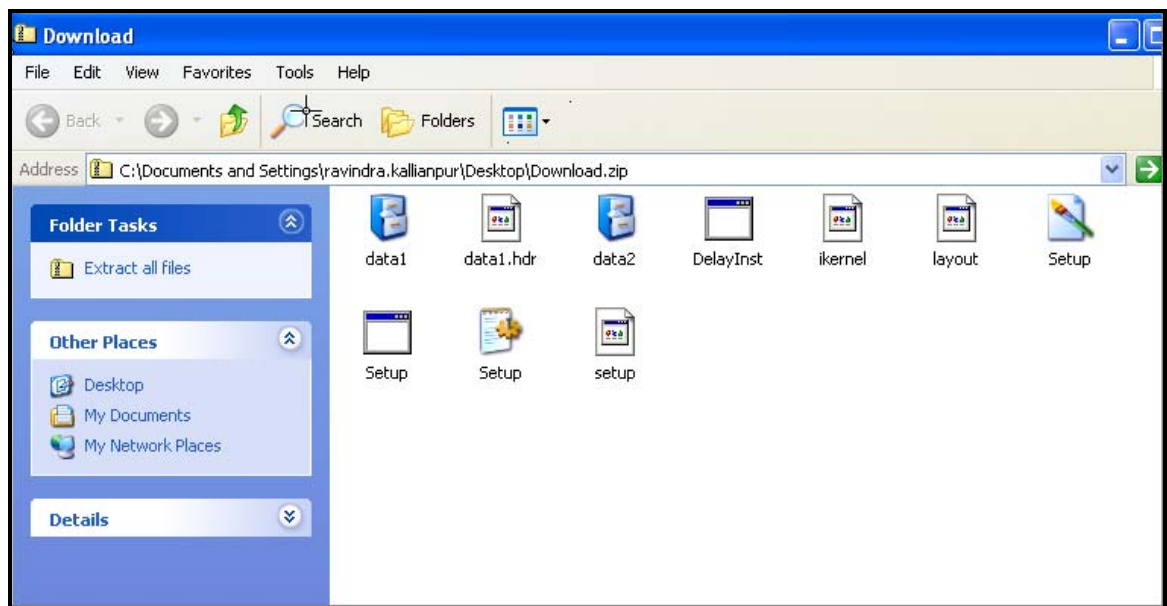
9. Save them to your Desktop. Next to **File Name:** give the files a name and click the **Save** button.

10. When the files have finished saving to your desktop, the Download Complete screen will appear. Click the **Open** button (see Figure 9 below).



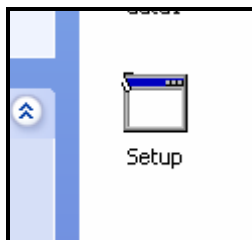
**Figure 9**

11. The Download folder screen will appear (see Figure 10 below).



**Figure 10**

12. Double click the **Setup** button (see Figure 11 below).



**Figure 11**

13. A Security Warning screen will appear stating that *the publisher could not be verified*. Click on **Run**.

16. The VPN Client will start. Continue clicking on **Next** until the VPN Client finishes the setup. At the end of the setup procedure you will be asked if you want to restart your computer now or later. Make your selection and click **Finish**.

## Setting up the CISCO VPN Client After Installation

1. To set up the CISCO VPN client program after installation, click on Start>Programs>Cisco Systems VPN Client>VPN Client from your computer screen. The VPN Client screen will appear (see Figure 1 below).

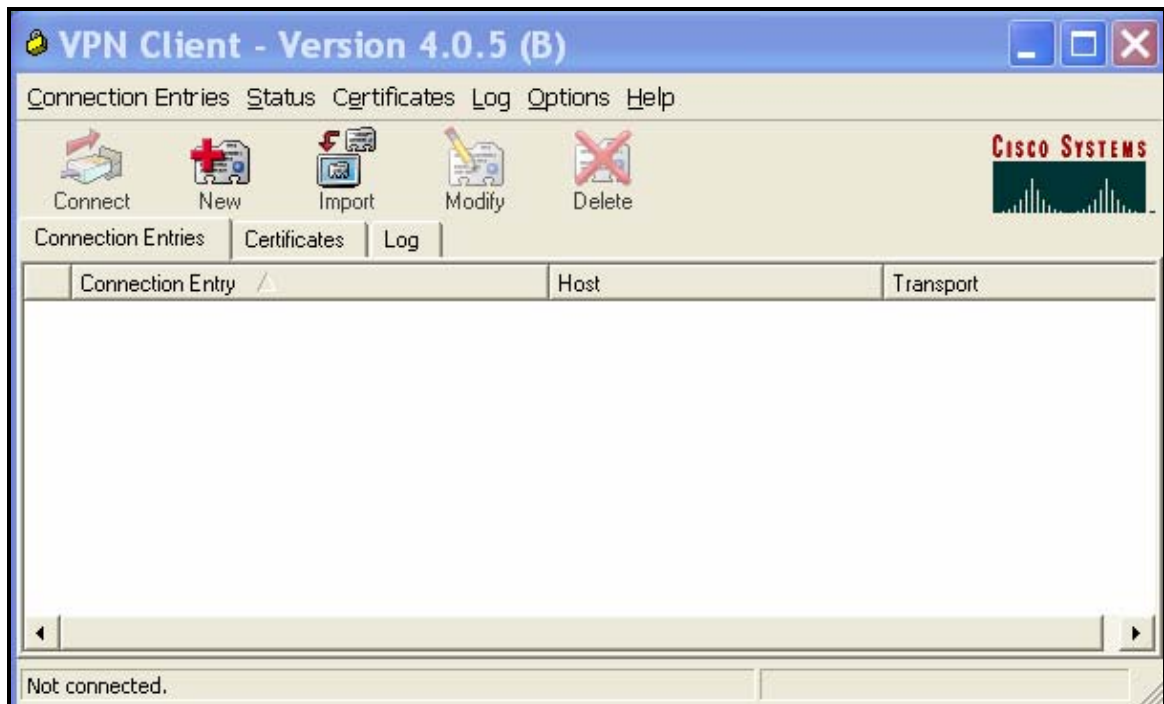


Figure 1

2. Click the **New** button. The Properties for TAMUQ vpn screen will appear (see Figure 2 below). Fill in the details as follows:
  - a. Connection Entry: **TAMUQ VPN**
  - b. Description: **Connect to TAMUQ Network**
  - c. Host: **vpn.qatar.tamu.edu**
  - d. Click the **Authentication** tab that is located in the middle of the page and select the **Group Authentication** option.
  - e. For the Group Authentication Name, enter **TAMUQ\_VPN** (all uppercase).
  - f. For the Group Authentication Password, enter **tamuqvpn** (all lowercase).

- g. For the Group Authentication Confirm Password, enter **tamuqvpn** (all lower-case).

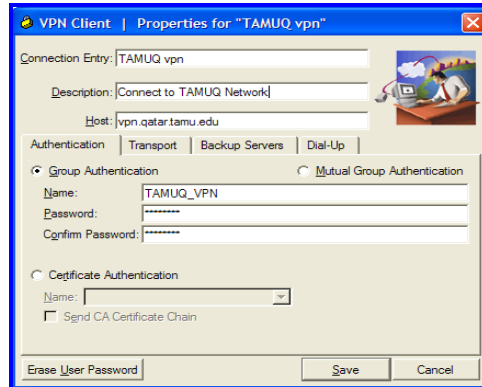


Figure 2

- h. Select the **Transport** tab. The VPN Client Properties for TAMUQ vpn screen will appear (see Figure 3 below).

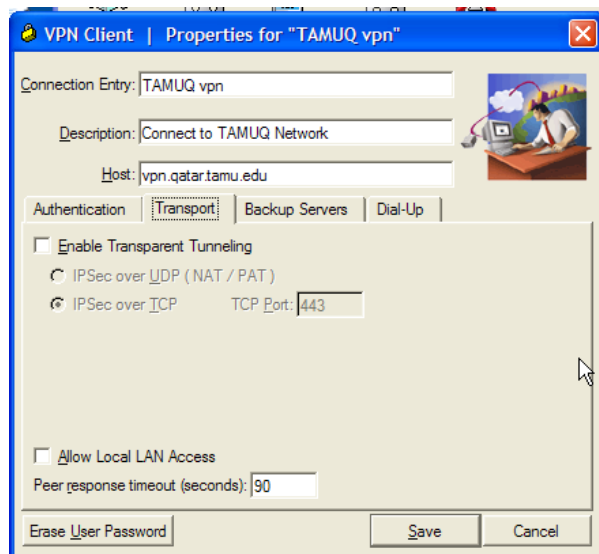


Figure 3

- i. Ensure that the **Enable Transport Tunneling** option is unchecked.  
j. Click the **Save** button at the bottom of the dialog box.

## Connecting Using CISCO VPN

1. Click on the **CISCO VPN Client** icon located on your desktop.
2. From the List of Connections, choose **TAMUQ VPN** and click the **Connect** button. You will be prompted to supply your TAMUQ username and password.

3. If no error messages appear, you are connected to VPN at this point. Confirm that you are connected by checking the CISCO VPN client icon on the bottom right hand side of the Taskbar (yellow lock).