

Connecting to Class Database Off-Campus

The following tutorial is for use on windows machines (the steps should be similar to macbooks, to find more information about specific operating systems please refer to <http://www.oit.gatech.edu/service/vpn/getting-started>). The first step to connecting to the database from a remote internet access is to download a VPN client software from oit.

Step 1) Download VPN Software

Go to <http://software.oit.gatech.edu/>, click the download software text on the screen.

Software Distribution



The Office of Information Technology has made agreements with various software distributors in order to supply the campus with their software needs. To use this web site, you must meet the following requirements:

- You must be a **current** Georgia Tech student, faculty, or staff. (All software must be uninstalled when you leave.)
- You must have an active GT Account
- Some packages include [large files](#) (files larger than 2GB). To download these files, you will need a browser that handles them correctly.

If all of these requirements have been met, please continue.

A rectangular button with a light gray background and a thin orange border. The text inside is bold and italicized, reading "Click here to download software provided by Georgia Tech".

***Click here to download software
provided by Georgia Tech***

Software Licensing Information

[Software Licensing and Administration](#)

Information about GT software licensing procedures, license renewal calendar, software news and more!

From there, use the drop down bar to select your particular operating system and affiliation (note I am using windows 7).

[Software List](#) [Preferences](#) [View History](#) Logged in as **jmoore64** [[Logout](#)]

Software type:
Affiliation:
Search:

Scroll down the page to the section named **FTP/VPN** and download VPN Client Software: Cisco AnyConnect VPN Client (as this particular client works for windows, Mac OS, and most versions of linux).

FTP/VPN

- VPN Client Software: Cisco AnyConnect VPN Client** [Request Software](#)
Internet Protocol (IP) communication clients providing remote access to campus services and facilities while increasing accountability and security.
- WebDrive 9.14** [Request Software](#)
FTP client that maps FTP servers as virtual drives in Windows.
- WinSCP 4.2.7** [Request Software](#)
Allows you to transfer files between a PC and a remote computer running SSHd.
- X-Win32 v10 (with SSH)** [Request Software](#)
X-Win32 is a PC-X server emulation software package. **This package is only available to users in the United States and is subject to U.S. Export Control Laws**
- X-Win32 v10 (without SSH)** [Request Software](#)
X-Win32 is a PC-X server emulation software package. This version does not contain SSH and is available for download worldwide.

Requesting the software and click proceed to download.

[Software List](#) [Preferences](#) [View History](#)

Logged in as **jmoore64** [[Logout](#)]

VPN Client Software: Cisco AnyConnect VPN Client

Internet Protocol (IP) communication clients providing remote access to campus services and facilities while increasing accountability and security.

License Information

This software is provided for users of the Georgia Tech VPN under license from Cisco Systems, Inc. It may be used on Institute owned and personally owned machines to connect to the Georgia Tech network.

For more information about the compliance features of this license, visit [Cisco Compliance Provision](#)

Username: [[Log out](#)]
Platform:
Quantity:

Note on this page there are 4 instruction documents for windows 7/vista, windows xp, mac osx, and linux. The html document reviews the steps necessary to download and use the software in great detail.

In short, click the link at the bottom of the page,

Download Instructions

If you are connected via any type of VPN client, disconnect and close it.

To download the Cisco AnyConnect VPN Software, visit <http://anyc.vpn.gatech.edu>

When you are done downloading files and do not intend to request any more software, please [log out](#). To request more software, return to the main Software Distribution page.

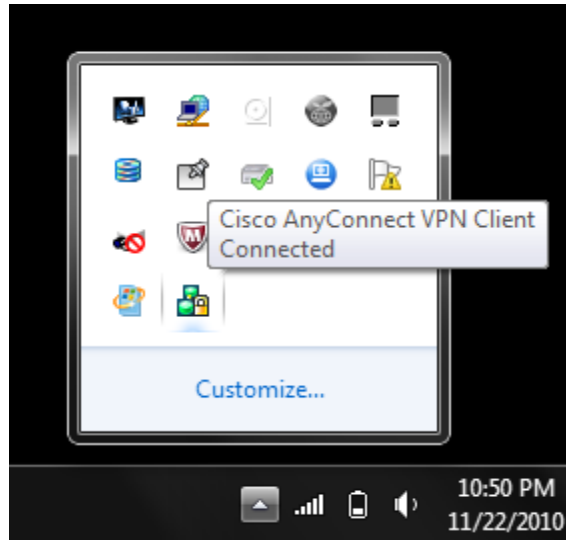
enter your username and password,

A login dialog box titled "Login" with a dark header. Below the header, it says "Please enter your username and password." There are three input fields: "GROUP:" with a dropdown menu showing "gatech", "USERNAME:" with the text "jmoore64", and "PASSWORD:" with a masked password field. A "Login" button is located at the bottom center.

and click continue to go through the installation.

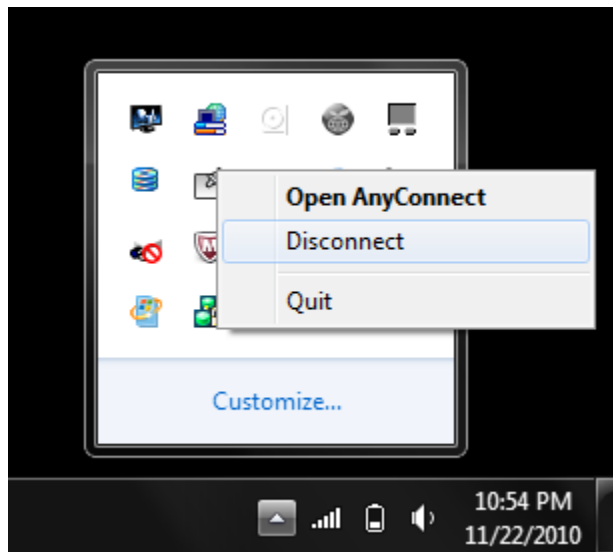
A dialog box with a grey header. The text inside reads: "Welcome to Georgia Tech's VPN Service. Support: <http://www.oit.gatech.edu/help/> You are now connected to the Georgia Tech campus network, which is available for authorized use only. All traffic and actions are subject to the Computer and Network Usage Policy (CNUP). http://www.oit.gatech.edu/inside_oit/policies_and_plans/policies/CNUSP.pdf By connecting to the Georgia Tech network, you acknowledge and consent to these terms. Service funded in part by Student Technology Fee. tier1-students". At the bottom, there are two buttons: "Cancel" and "Continue".

There might appear a java security warning or a user account control window: click "Run" and "Yes" respectively. If the download occurred successfully, the following should be in your system tray.

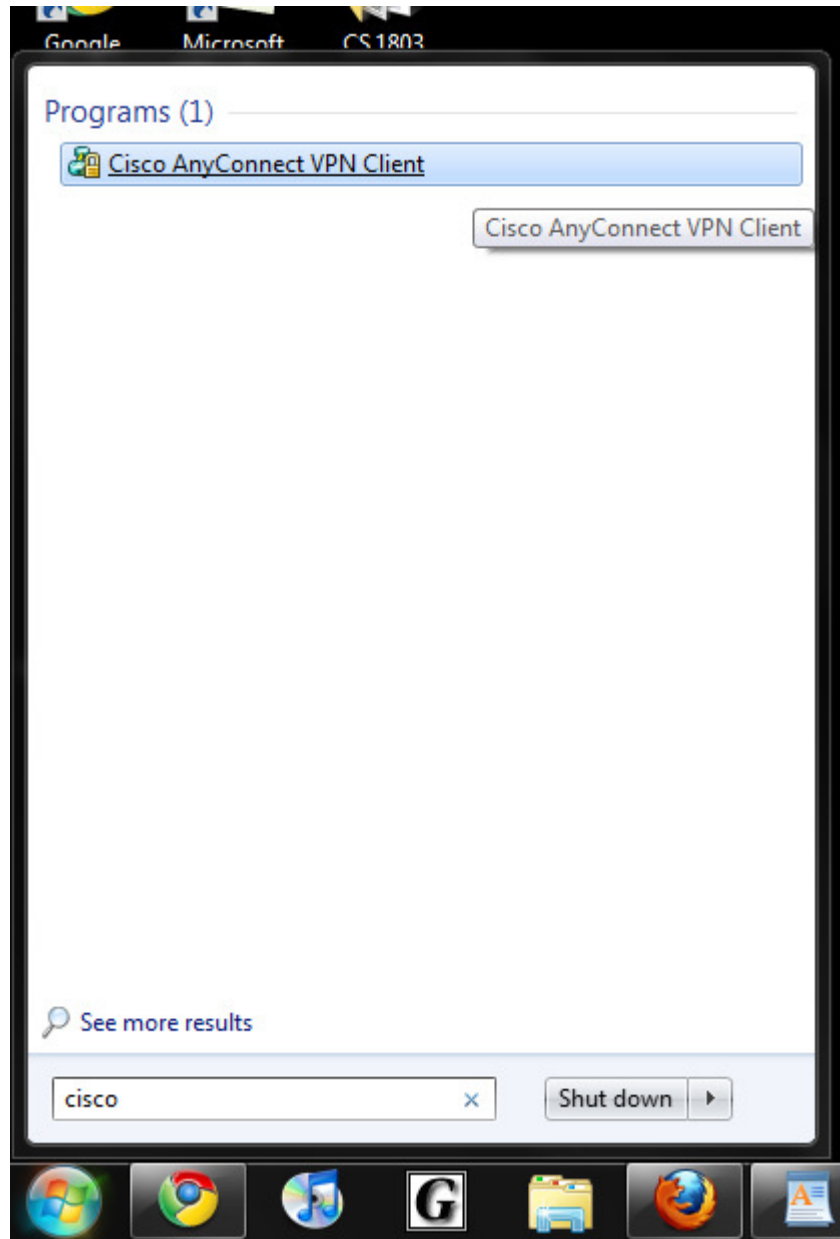


Step 2) Using the VPN Client

The client will be connected by default after the download. To disconnect your connection, simply right click the icon in the system tray and click disconnect.



To connect to your client, first you need to open the client from the start menu (or you may also right click the icon in the system tray and click Open AnyConnect - see above image).



Once the application appears on screen, go to the connection tab.



If the connect to value does not look like the above picture, change it to the above value (anyc.vpn.gatech.edu). Then simply type in your username and password and click connect.



Congratulations you can now connect to georgia tech services such as the class database! The pymysql module should work and you can now test your database programs when you are not on campus.