



Guangdong Technion

Israel Institute of Technology

广东以色列理工学院

GTIIT VPN: off-campus network access

05/02/2021, Version 2.0

Department of Information Technology

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1 Service Description

GTIIT has a Virtual Private Network (VPN) service which provides a secure method to connect to the University campus network regardless of where you are connecting from (e.g. a Wi-Fi in your home).

Through the GTIIT VPN, you can connect remotely to some resources that are usually only available on the campus network. Put it another way, when using GTIIT VPN service, it routes and encrypts all traffic going to GTIIT internal resources, Technion Israel sites, and some academic sites (e.g. Google Scholar) through the University network as if you were on campus. All non-GTIIT traffic proceeds to its destination directly – from your local internet connection.

2 What you will need before connecting

- A valid GTIIT network username and password.
- An active internet connection, e.g. home network, 4G/5G, public Wi-Fi.
- A web browser, such as Google Chrome, Firefox, Safari or Internet Explorer.
- Administrator rights on your computer to install the Pulse Secure software.
- A mobile device such as cell phone or tablet to install the FreeOPT/Microsoft Authenticator app.

3 Supported Operating Systems

The Pulse Secure is supported on the following platforms:

Windows 7 or higher, Ubuntu 16.04 or higher, RHEL/CentOS 7.4 or higher, iOS 9.0.0 or higher, Android 4.1 or higher, Windows Phone 10, Google Chromebook and Chrome Browser.

Please check <https://www.pulsesecure.net/trynow/client-download/> for the latest information.

4 Availability

This service is available 24hrs a day, 7 days a week, apart for periods of non-availability required for planned maintenance. This service is available to all GTIIT users. Support for the service is available during standard support hours (8:30-17:30 Monday to Friday).

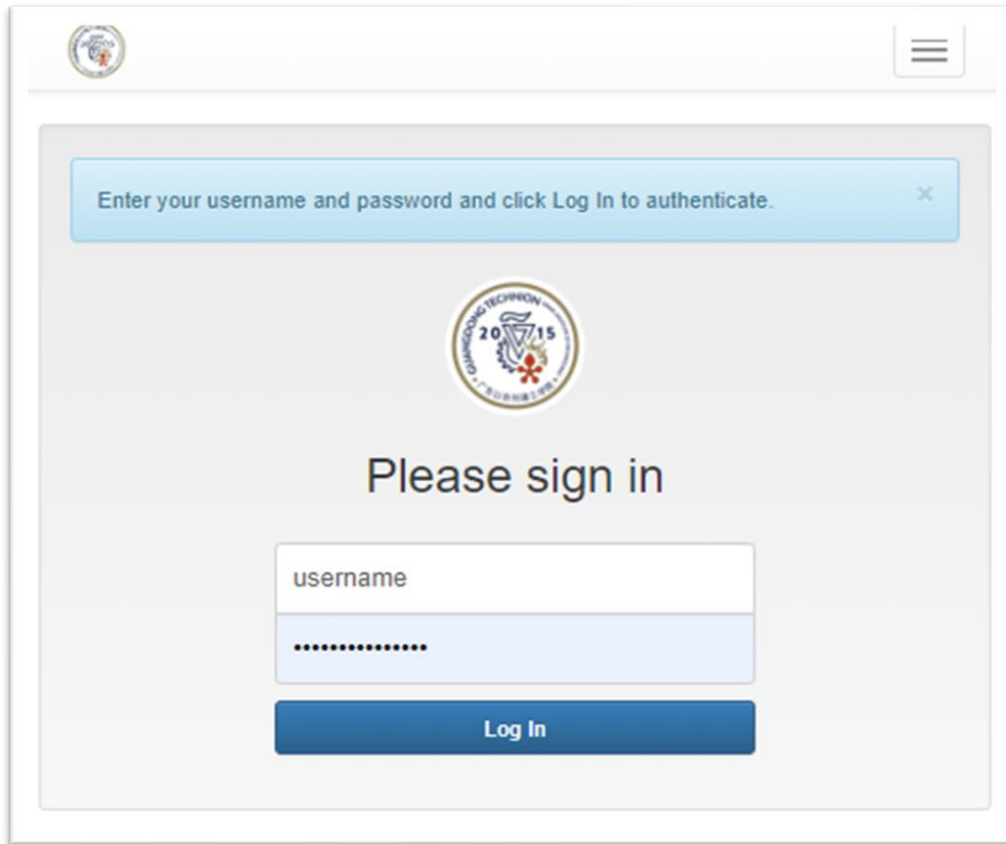
5 Set up the VPN connection on your device

5.1 Enroll Token

5.1.1 For users who are in the campus, please open a browser and go to <https://otp.gtiit.edu.cn>.

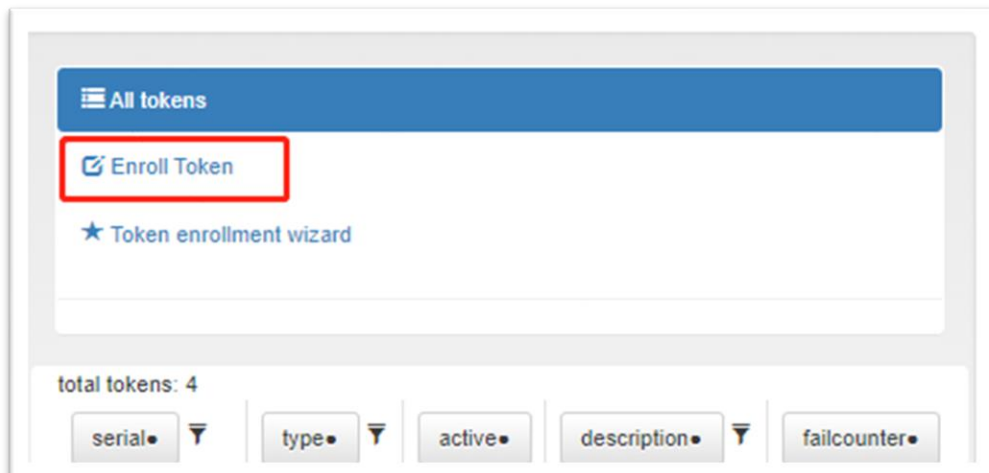
For users who are not stay in the campus, please open a browser and go to <https://otp.gtiit.edu.cn:11443>.

5.1.2 Enter your GTIIT username and password and click Log In to authenticate.



The login page features a light gray background. At the top left is the GTIIT logo, and at the top right is a hamburger menu icon. A blue notification bar at the top contains the text "Enter your username and password and click Log In to authenticate." with a close button. In the center, the text "Please sign in" is displayed above a login form. The form has two input fields: "username" and a password field represented by dots. Below the fields is a blue "Log In" button.

5.1.3 Click Enroll Token.



The page shows a sidebar with a blue header "All tokens". Below it, the "Enroll Token" option is highlighted with a red rectangle. Underneath, there is a link for "Token enrollment wizard". At the bottom, a summary shows "total tokens: 4" and a table of token details with columns: serial, type, active, description, and failcounter.

5.1.4 To Generate OTP Key (PIN code + OTP code) on the Server for your GTIIT VPN account, please create a 4-digit PIN code (please carefully keep it), repeat again to



confirm the PIN code and then click “Enroll Token”.

Enroll a new token

TOTP: Time based One Time Passwords.

The TOTP token is a time based token. You can paste a secret key or have the server generate the secret and scan the QR code with a smartphone app like the Google Authenticator or FreeOTP turning your smartphone into an authentication device.

Token data

☒ **Generate OTP Key on the Server**

The server will create the OTP key and a QR Code will be displayed to you to be scanned.

OTP length

6

The Google Authenticator only supports an OTP length of 6.

Timestep

30

seconds.

Hash algorithm

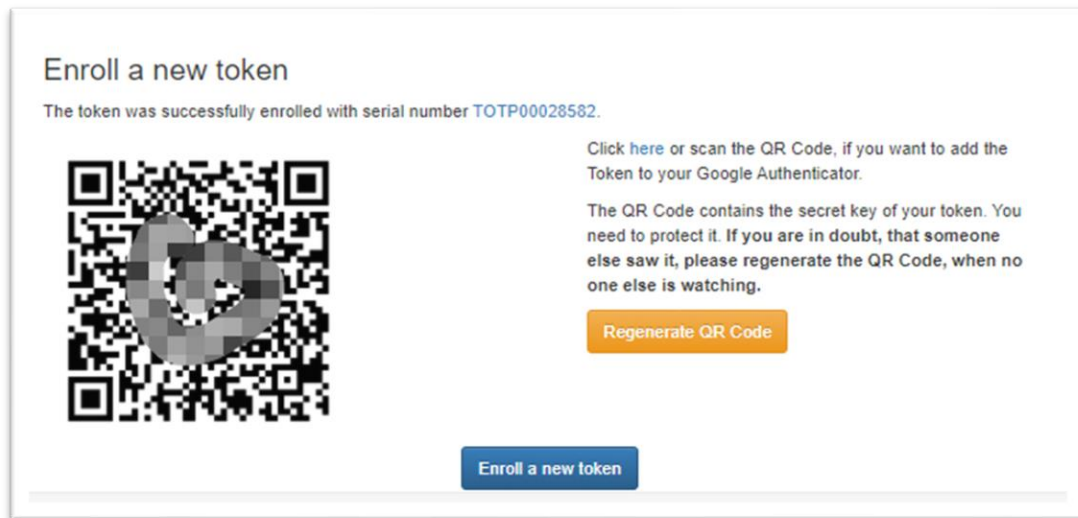
sha1

The Google Authenticator only supports the SHA1 algorithm.

PIN

Enroll Token

5.1.5 Now you have enrolled a new token for your GTIIT VPN account, and you're given a QR code for scanning. Please follow the next step to install FreeOTP (or Microsoft Authenticator) app in your mobile device to scan this QR code.



5.2 Install FreeOTP/Microsoft Authenticator app in your mobile devices

5.2.1 Option 1 – FreeOTP

5.2.1.1 Download and install the FreeOTP app

Install the latest version of the FreeOTP app, based on your operating system:

- **Android.** On your Android device, go to Google Play or any other App store to download and install the FreeOTP app.
- **Apple iOS.** On your Apple iOS device, go to the App Store to download and install the FreeOTP app.

5.2.1.2 Open FreeOTP, press the QR code button.





- 5.2.1.3 Scan the QR code you just generated from the Token on the web browser.
- 5.2.1.4 Review the Accounts page of the FreeOTP app on your device, to make sure your account information is right. When click there will generate a 6-digit one-time passcode (OTP) for you.

Note: For additional security, the OTP code changes every 30 seconds preventing someone from using a code multiple times.

- 5.2.1.5 Now it's ready to connect to GTIIT VPN - Pulse Secure by logging in with the 10-digit passcode: 4-digit PIN code plus 6-digit OTP. Please continue to follow item 5.3.

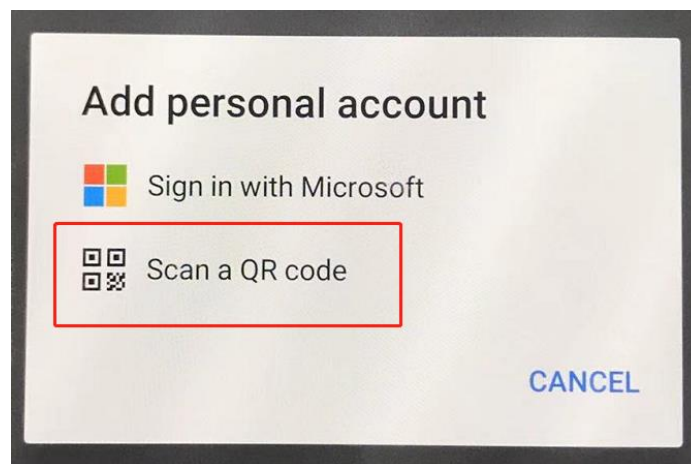
5.2.2 Option2 – Microsoft Authenticator

5.2.2.1 Download and install the Microsoft Authenticator app

Install the latest version of the Microsoft Authenticator app, based on your operating system:

- **Android.** On your Android device, go to Google Play or any other App store to download and install the Microsoft Authenticator app.
- **Apple iOS.** On your Apple iOS device, go to the App Store to download and install the Microsoft Authenticator app.

5.2.2.2 Open the Microsoft Authenticator app, select **Add account** from the **Customize and control** icon in the upper right, and then select **Personal account->Scan a QR code**.



5.2.2.3 Scan the QR code you just generated from the Token on the web browser.

Note:

If this is the first time you're setting up the Microsoft Authenticator app, you might receive a prompt asking whether to allow the app to access your camera (iOS) or to allow the app to take pictures and record video (Android). You must select Allow so the authenticator app can access your camera to take a picture of the QR code in the next step. If you don't allow the camera, you can still set up the authenticator app, but you'll need to add the code information manually.

5.2.2.4 Review the Accounts page of the Microsoft Authenticator app on your device, to make sure your account information is right. When click there will generate a 6-digit one-time passcode (OTP) for you.

Note: For additional security, the OTP code changes every 30 seconds preventing someone from using a code multiple times.



- 5.2.2.5 Now it's ready to connect to GTIIT VPN - Pulse Secure by logging in with the 10-digit passcode: 4-digit PIN code plus 6-digit OTP. Please continue to follow item 5.3.

5.3 Install Pulse Secure application in your devices

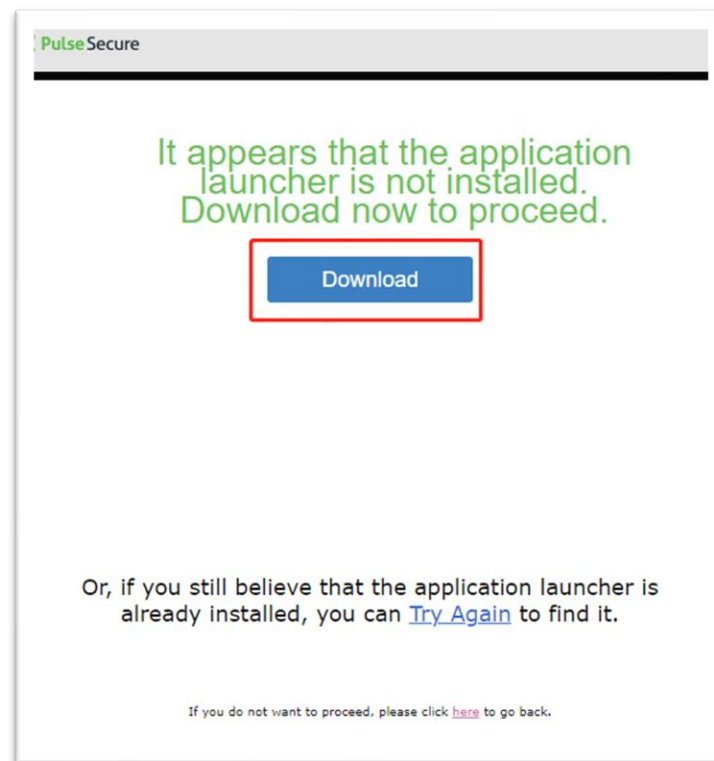
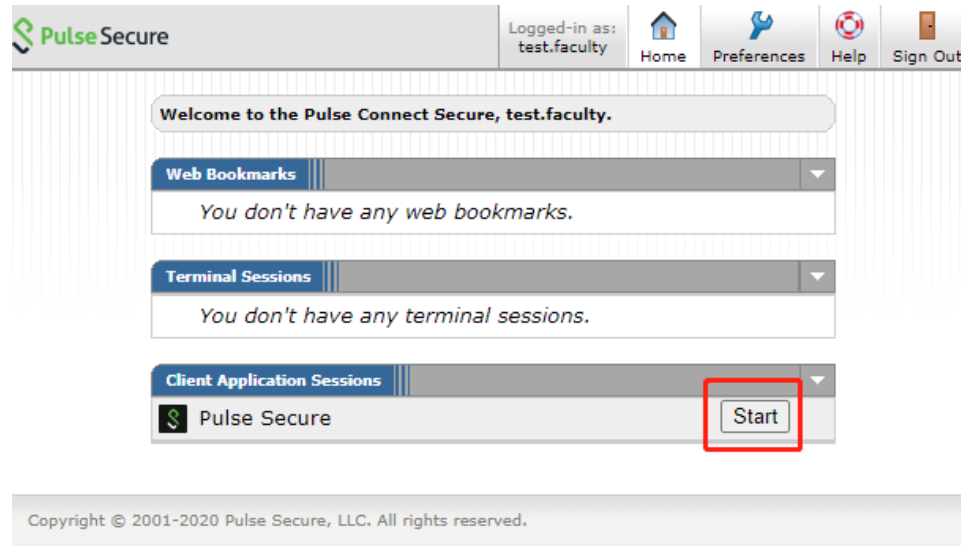
- 5.3.1 Option 1 – For all operating system, Download and Install Pulse Secure from Official website at <https://www.pulsesecure.net/trynow/client-download>

Note: Need to fill in some personal information.

- 5.3.2 Option 2 – For Windows, download and Install Pulse Secure from SSLVPN

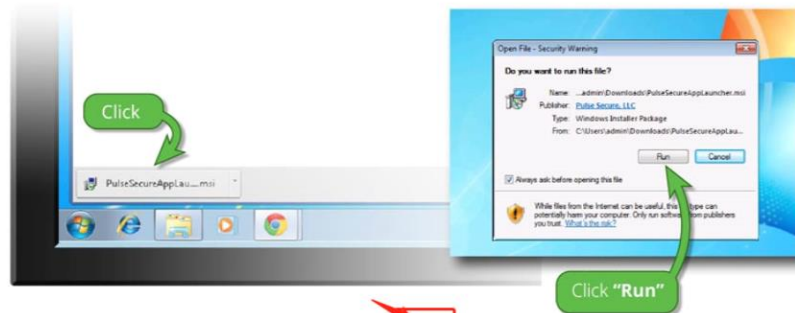
- 5.3.2.1 Go to <https://sslvpn.gtiit.edu.cn> and login with your GTIIT username and the 10-digit passcode.

- 5.3.2.2 Please click **Start**, wait for a minute then click to **download** Pulse Secure.



At the below page click “**Here**” to continue with the Pulse Secure launch.

After the application launcher has completed downloading, follow these installation steps.



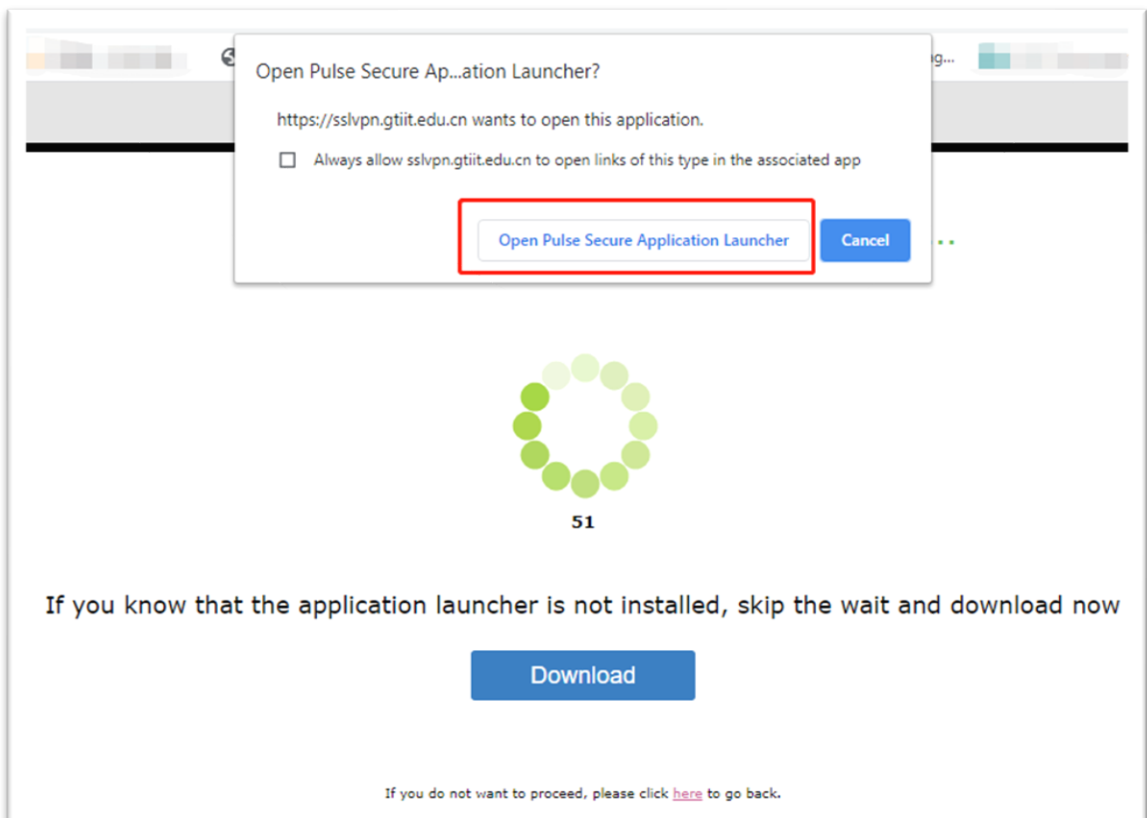
Once you have completed the above steps, click [HERE](#) to continue with the Pulse Secure launch. We recommend selecting "remember" and "always" during the installation process.

Once the Pulse Secure application is installed and started it will appear in your system tray.

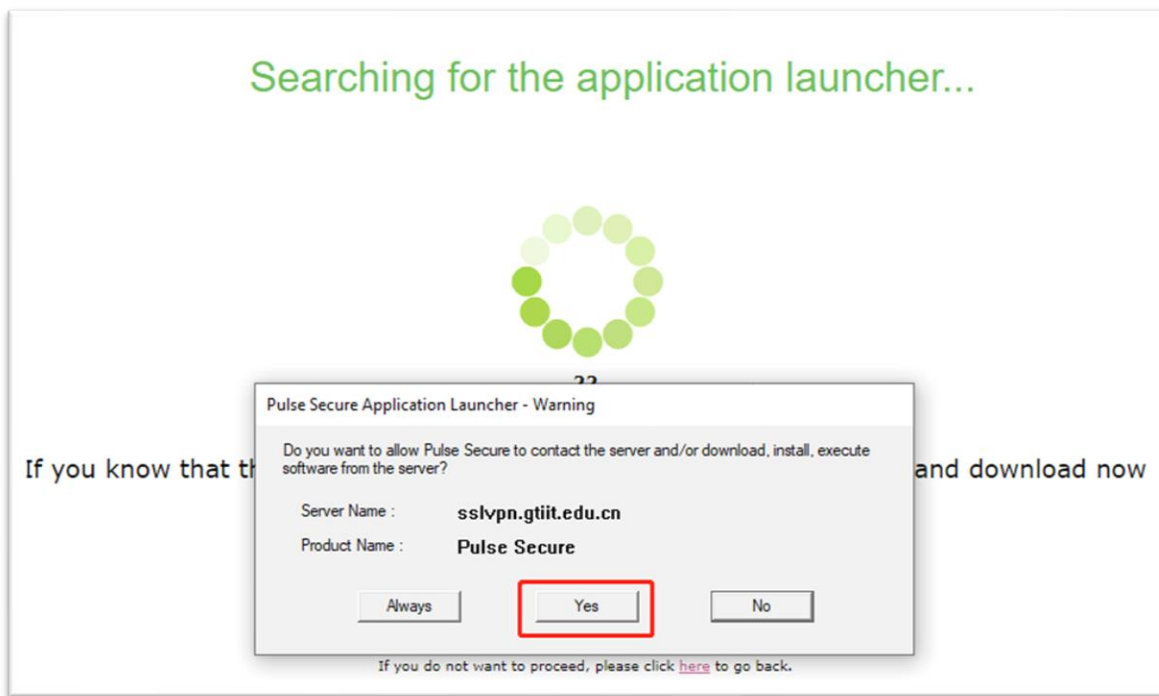


If you do not want to proceed, please click [here](#) to go back.

Click Open Pulse Secure Application Launcher.



Click **Yes** to allow installing Pulse Secure into your computer.



5.3.3 Option 3 - Download and Install Pulse Secure from IT's OneDrive

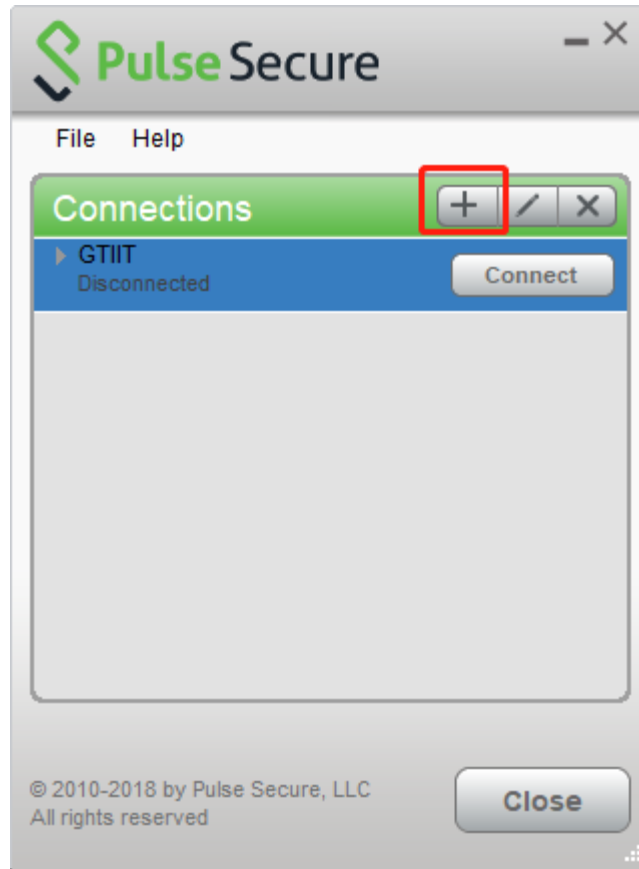
Click the link [here](#) to download and install Pulse Secure from IT OneDrive.

5.3.4 Option 4 – For iOS, download and Install Pulse Secure from Apple Store.

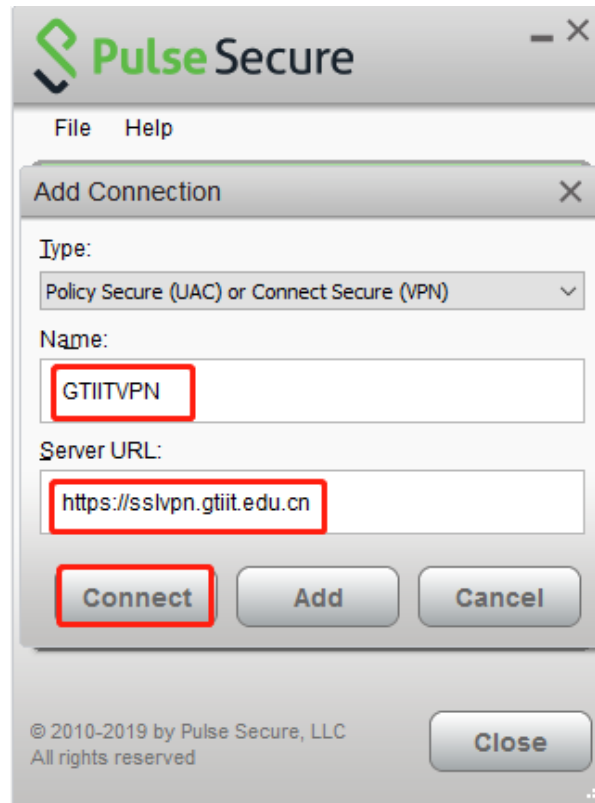
5.3.5 Option 5 – For Android, download and Install Pulse Secure from Tencent App Store.

5.4 Configure Pulse Secure

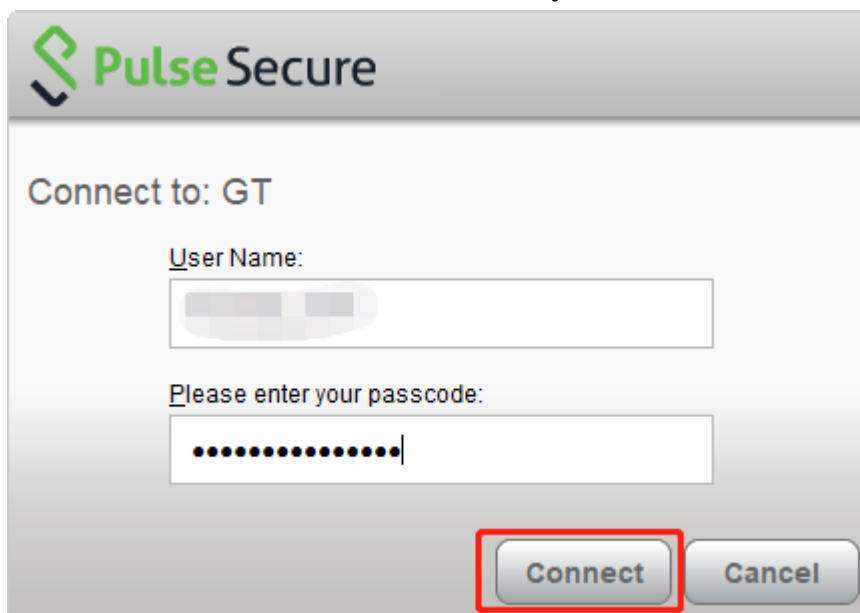
5.4.1 After successfully installing the Pulse Secure, please open Pulse Secure, click “+” to create a new connection.



5.4.2 Fill in the name as **GTIIT VPN** and Server URL as <https://sslvpn.gtiit.edu.cn>, then click **Connect**.



5.4.3 Fill in your GTIIT username, and the 10-digit passcode. Now you will be able to connect to Pulse Secure – GTIIT VPN successfully.



6 VPN activity is your responsibility

When using the VPN, remember that your device is on the GTIIT campus network and you are responsible for all activities. Disconnect from GTIIT as soon as you are finished.