

# VPN USER GUIDE

## How To Install OpenVPN on Windows

1. Download OpenVPN from <https://openvpn.net/community-downloads/>. You need to download “Windows 32-bit MSI installer” or “Windows 64-bit MSI installer” depending on your machine. Click on the orange button corresponding to which msi installer you want to install.

OpenVPN 2.5.3 -- Released 17 June, 2021 +

The OpenVPN community project team is proud to release OpenVPN 2.5.3. Besides a number of small improvements and bug fixes, this release fixes a possible security issue with OpenSSL config autoloading on Windows (CVE-2021-3606). Updated OpenVPN GUI is also included in Windows installers.

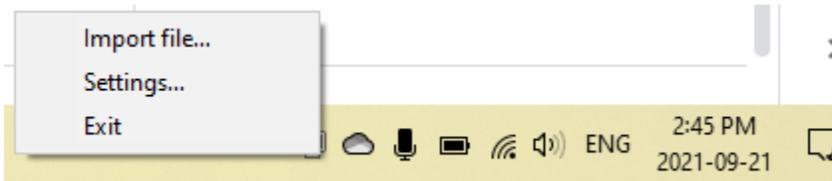
Source tarball (gzip)	<a href="#">GnuPG Signature</a>	<a href="#">openvpn-2.5.3.tar.gz</a>
Source tarball (xz)	<a href="#">GnuPG Signature</a>	<a href="#">openvpn-2.5.3.tar.xz</a>
Source zip	<a href="#">GnuPG Signature</a>	<a href="#">openvpn-2.5.3.zip</a>
Windows 32-bit MSI installer	<a href="#">GnuPG Signature</a>	<a href="#">OpenVPN-2.5.3-I601-x86.msi</a>
Windows 64-bit MSI installer	<a href="#">GnuPG Signature</a>	<a href="#">OpenVPN-2.5.3-I601-amd64.msi</a>
Windows ARM64 MSI installer	<a href="#">GnuPG Signature</a>	<a href="#">OpenVPN-2.5.3-I601-arm64.msi</a>

2. Go to your file explorer and then go to Downloads. Double click the installer. There will be a prompt asking you “Do you want this app to make changes to this PC”. Click yes and close once the installer is done. There may be a popup saying there “no readable config file found”, just press OK and ignore this for now.
3. You should now see an icon on the bottom right of your screen (next to your wifi and audio icons)

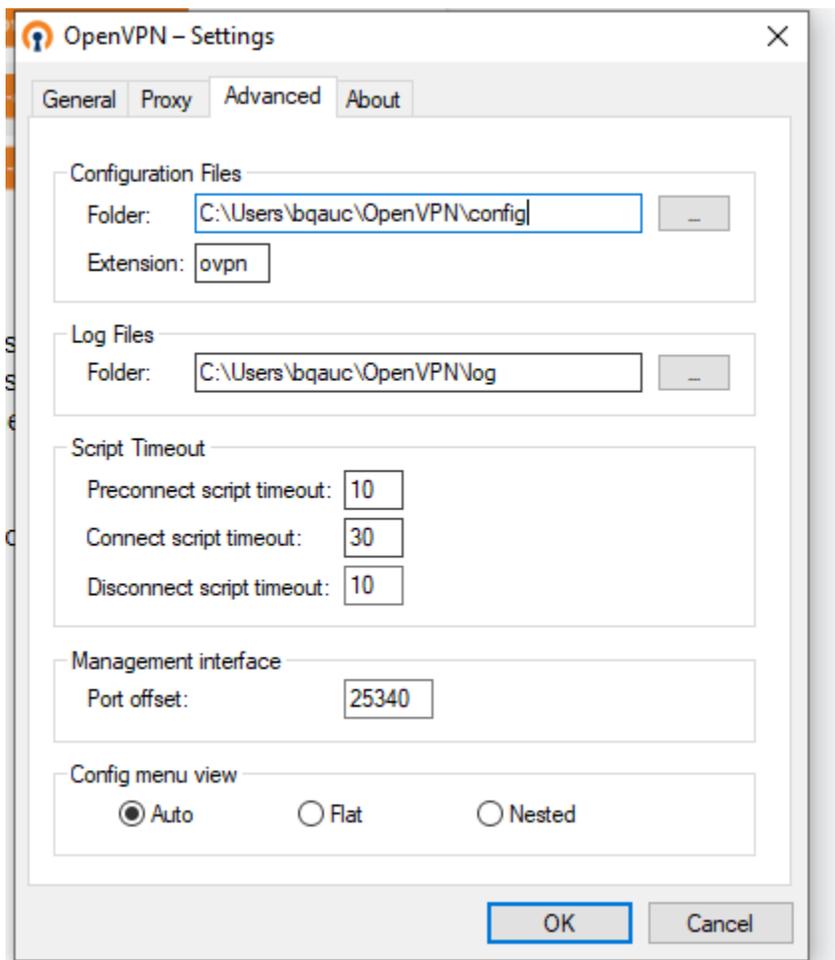


(figure 2)

4. Right click on that icon and click on settings.



5. Then click on the advanced tab at the top. Under Configuration Files you should see where you have to place the config files. It should be C:\Users\your computer name\OpenVPN\config. If you already have the config files downloaded you can skip to step 7.



6. If you don't have the config files downloaded yet, go to <https://archive.cs.ryerson.ca/>. At the top right you should see a button that says VPN SCS. Click on that to download the zip folder containing the config files. Sometimes on chrome if you click on the button it won't download. If this happens, right click on the VPN SCS and select "copy link address" and paste it into a new tab, then it will download.

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**Department of Computer Science**

The Department of Computer Science is located at The Centre for Computing and Engineering - 245 Church Street. Moriyama & Teshima designed the new Centre for Computing and Engineering on the urban campus of Ryerson University in the heart of downtown Toronto, Canada. The building features a sculptural treatment of the Church Street facade that dramatically changes throughout the day as the sun and ambient light varies. At times reflective and at time transparent, the building is a distinctive symbol of Ryerson. The facility brings together a number of departments including Aerospace, Civil Engineering, Computing Science and Electrical and Computing Engineering. Design started in February 2002 and the facility opened to students in the fall term of 2004.

**Computer Science News & Announcements**

- Dr. Miri is an invited speaker at the Privacy and Security Panel of CASCON x EVOKE 2019 conference.
- Dipak Pudasaini's paper titled "Scalable Pattern Recognition and Real Time Tracking of Moving Objects" got awarded as the best student paper in Spring Simulation 2019
- Virtual Reality Project Showcase April 12, Friday, 1pm-3pm ENG206
- Team RU-ML, from Computational Intelligence Laboratory in the Department of Computer Science at Ryerson University, has ranked second among 52 teams from Canadian universities in Thales Student AI innovation championship.

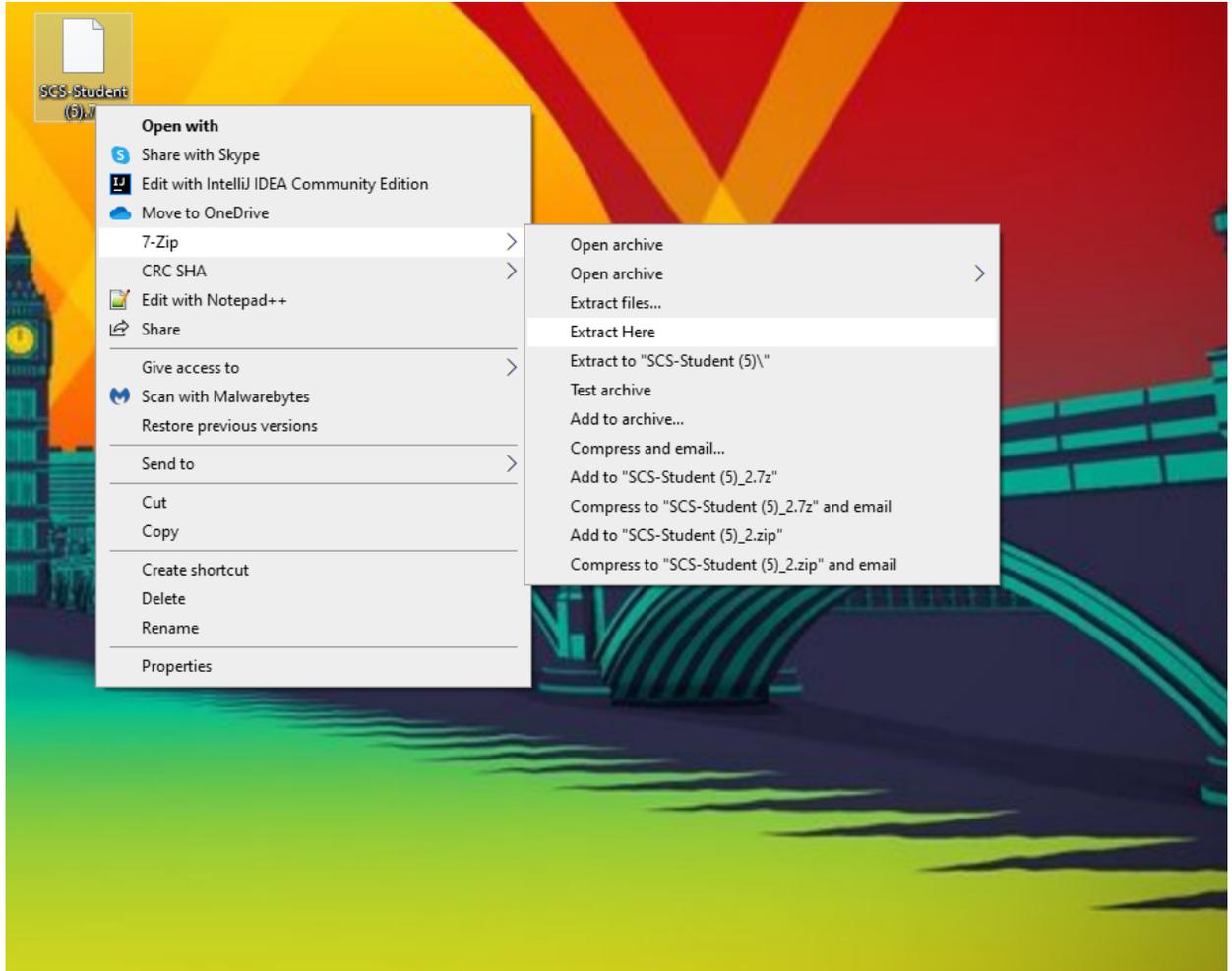
**Computer Science Events**

- Greater Toronto Area Linux User Group

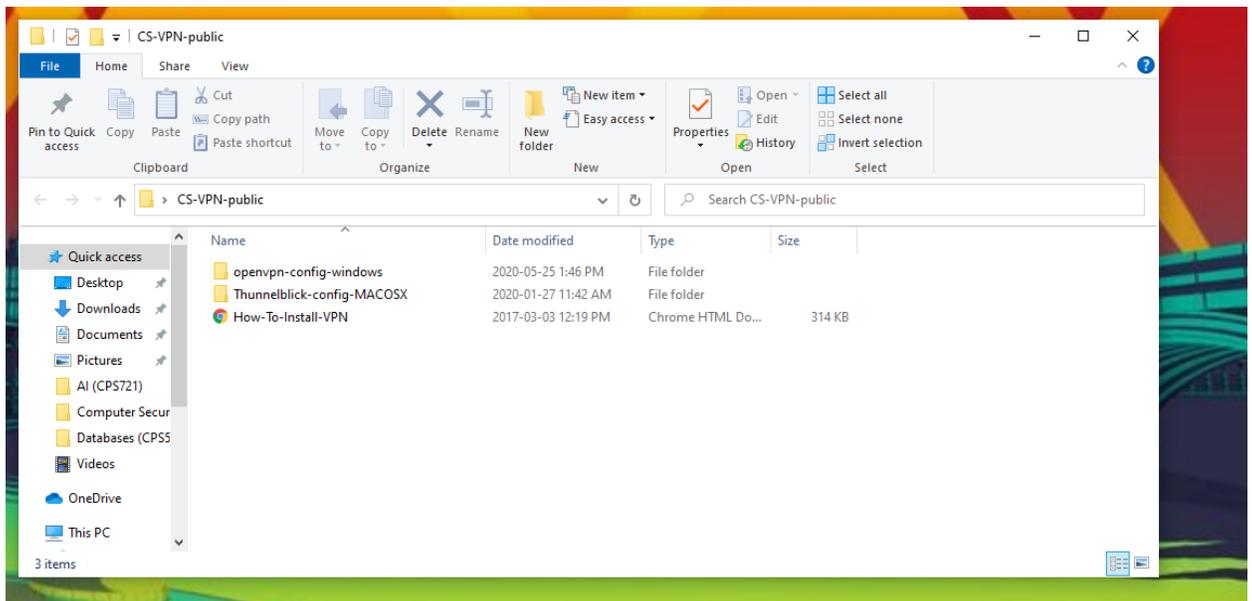
**Computer Science Job Postings**

- JOB POSTING: Donkey Mob - Junior Developer PHP/Java Full Stack
- JOB POSTING: AP1 Inc. - iOS Developer
- JOB POSTING: Blue Prism / RPA Consultant - Manager / Senior Consultant
- JOB POSTING: HRI Software Engineer - Humatics

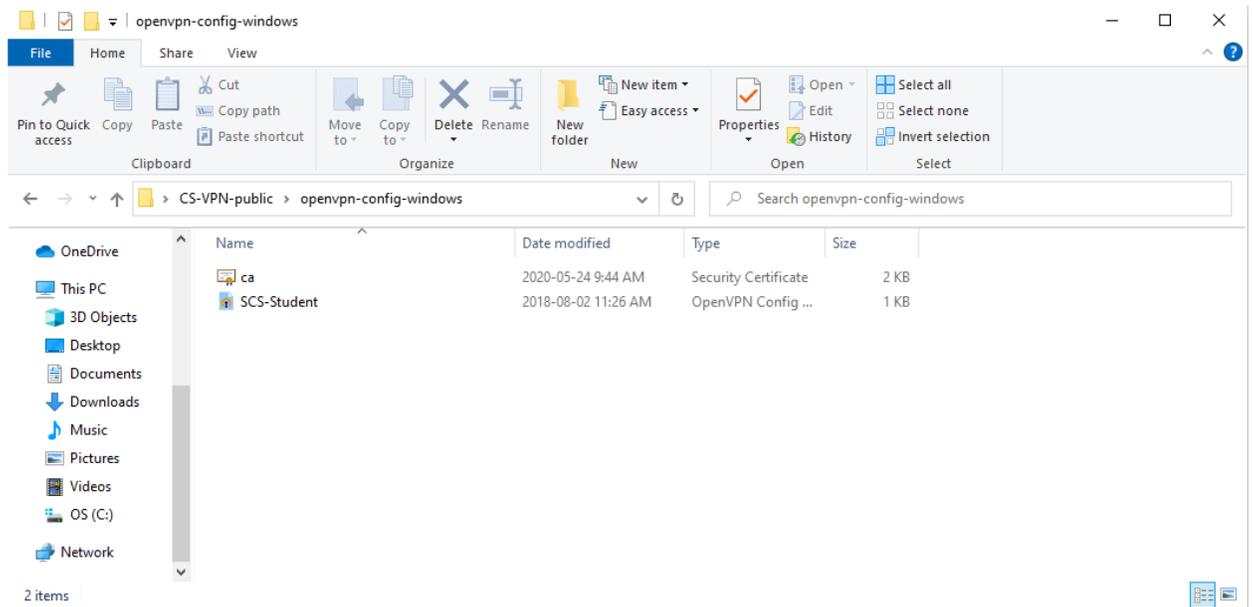
- Put the zip folder you downloaded or were sent by administration on your desktop. Right click on it and select extract, or if you have 7 zip, select extract here. You should now see a folder. Called CS-VPN-public.



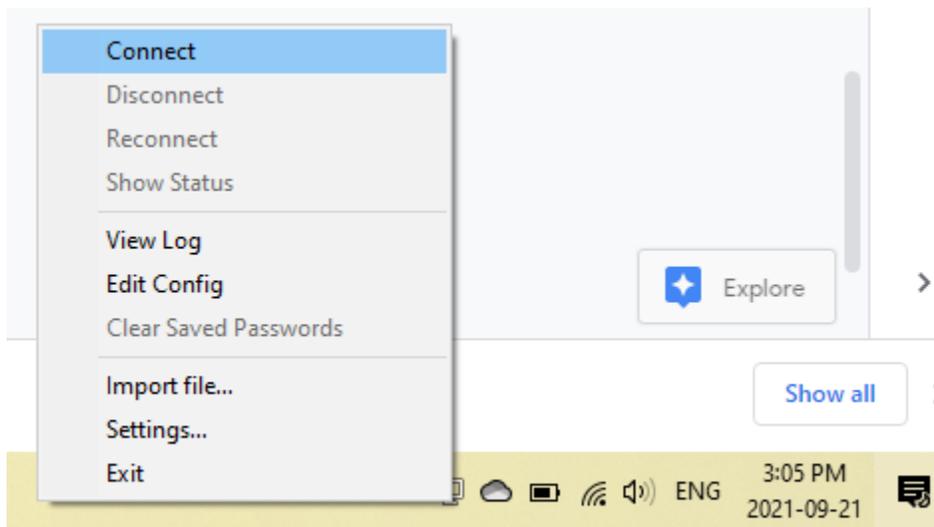
8. Open that folder (named CS-VPN-public). Then click on openvpn-config-windows.



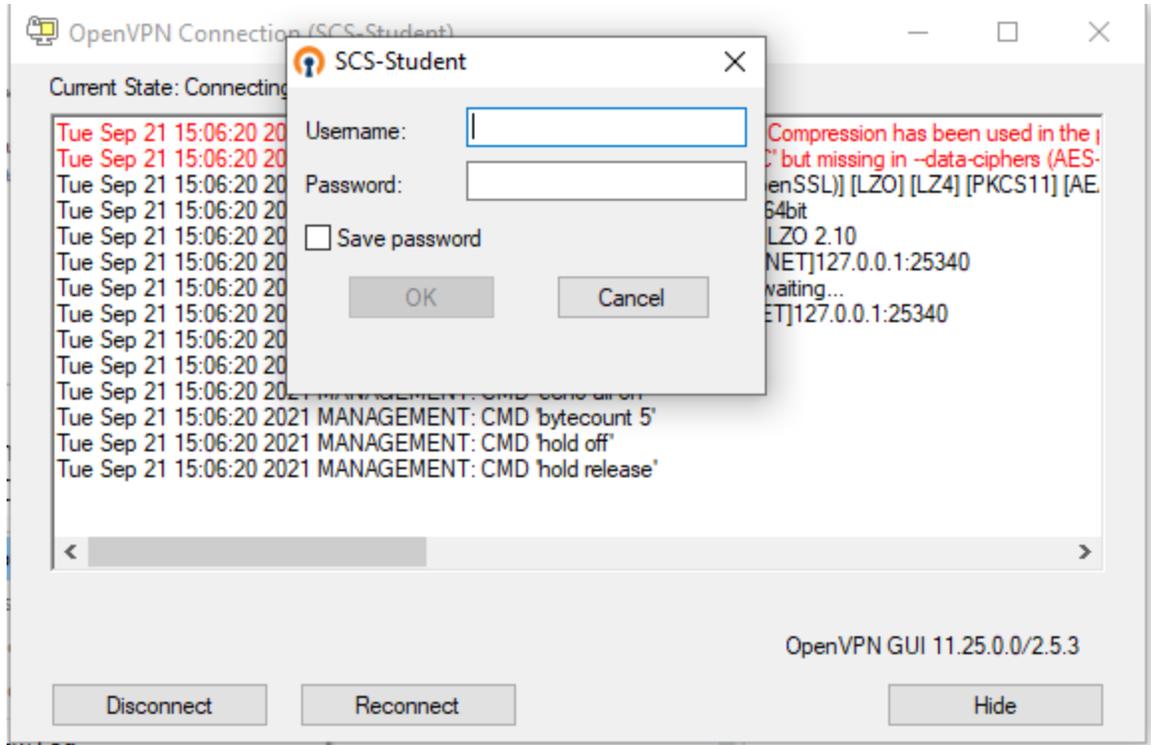
9. You should see 2 files. One called “ca” and the other called SCS-Student. Copy both those files into the folder we found in the settings in OpenVPN from step 5 (C:\Users\your computer name\OpenVPN\config). Make sure you do not copy the any folder into C:\Users\your computer name\OpenVPN\config , only copy the ca and SCS-Student file.



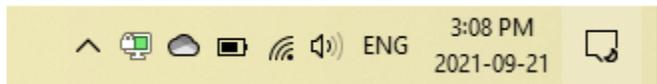
10. Now when you right click on the icon (same one as step 3). You should see an option to connect. Click that.



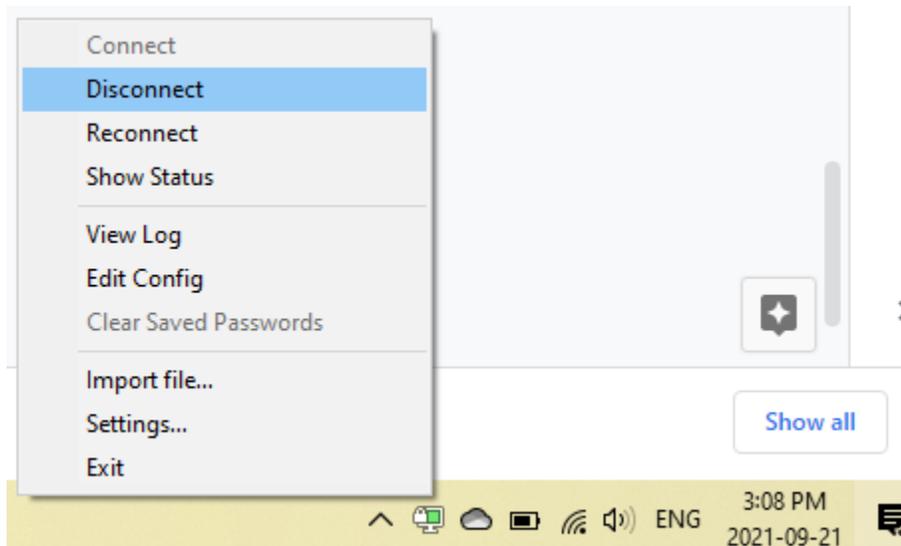
11. Type your Computer Science username and password. And click OK.



12. If your login was successful then the window will close. You can verify you are connected by checking if the icon turned green.



13. To disconnect: right click on the icon and select disconnect.



## How To Install Tunnelblick on MAC OS X machines

1. Download Tunnelblick software from <https://tunnelblick.net/downloads.html>. Download the stable release by clicking on Tunnelblick 3.8.6a (version number may be different for you).

The screenshot shows the Tunnelblick website's 'Release Downloads' page. The page header includes the Tunnelblick logo and the text 'free software for OpenVPN on macOS'. A navigation menu at the top contains links for Home, Downloads, Support, Documents, Issues, Source, Contribute, and Contact. On the left side, there is a 'On This Page' section with links to Release Downloads, Verifying Downloads, User Contributions, Download Integrity, Downloading and installing on macOS Mojave and Higher, and a link to 'We need translators for several languages...'. The main content area is titled 'Release Downloads' and contains the following information:

To be notified of new releases, use Tunnelblick's built-in update mechanism or subscribe to the [Tunnelblick Announce Mailing List](#).

**Beta versions are suitable for many users.** See [Stable vs. Beta](#) for details.

As a [Free Software](#) project, Tunnelblick puts its users first. There are no ads, no affiliate marketers, no tracking — we don't even keep logs of your IP address or other information. We just supply open technology for fast, easy, private, and secure control of VPNs.

**Beta** [Tunnelblick 3.8.7beta02](#) (build 5730, macOS 10.10+, Universal, notarized) released 2021-09-01  
[Release Notes](#)  
SHA1: a3af1397bc94525eb4958df14117deb7b13f4924 MD5: 4ce17de0b11555956161e318dc6596fb  
SHA256: f5d38cb9608fac0f60df777f3dcfcfc4a33a6a4df04a48d3bef6713160356d5b  
[GnuPG v2 signature](#)

**Stable** [Tunnelblick 3.8.6a](#) (build 5711, macOS 10.10+, Universal, notarized) released 2021-09-01  
[Release Notes](#)  
SHA1: a5ac61e13d312ae22723b47b57fc4c394d35d3ec MD5: d2eaf7966bf6910e473e233059188cf8  
SHA256: 636c52eaba89a0fc7549160892fabb62f4d11bb34d959872f2c0ab93765e0835  
[GnuPG v2 signature](#)

**Older** See the [Deprecated Downloads](#) page. *Includes versions for earlier versions of macOS and OS X.*

**Uninstaller** **The Tunnelblick Uninstaller has been replaced by an "Uninstall" button on the "Utilities" panel of Tunnelblick's "VPN Details" window as of Tunnelblick 3.8.5beta02.**  
**Please read [Uninstalling Tunnelblick](#) before using Tunnelblick Uninstaller.**  
[Tunnelblick Uninstaller 1.12](#) (build 5090, macOS and OS X 10.7.5+, Intel-64 only, works on M1 using Rosetta) released 2018-06-26 [Release Notes](#)  
SHA1: c4503360e032877e1ab0c2742872250c646ba983 MD5: 0b8c3f0898ca88f4bbe90fe61271d7ab  
SHA256: 62b528da3212fd78146c6bcf03d88f4f8653845068b61f4f62029a3af791ef42  
[GnuPG v2 signature](#)

2. If a security warning pops up - "Tunnelblick.app" is damaged and can't be opened... - Go to System Preference > Security & Privacy > General Tab > for allow apps downloaded from > check mark anywhere
3. Launch the app and choose "I Do NOT have configuration file".  
\*Find more details regarding installation on <https://code.google.com/p/tunnelblick/wiki/cInstall>

## **How to configure tunnelblick to connect to Computer Science Network**

Make sure you do have the configuration files (ask administrators to provide you the config files for Thunelblick). Double click on \*.tblk file. A warning pops up "Install Configuration for All Users? Choose All Users or Only me. Launch Thunnelblick and click Connect. Type your Computer Science username and password. If it turns to Green you are successfully connected, if not please send us the log files at [request@scs.ryerson.ca](mailto:request@scs.ryerson.ca).

## **How to Convert Open VPN config to tunnelblick config**

1. Create a folder anywhere (on your Desktop works well)
2. If you have only one OpenVPN configuration file, name the folder with the name you want the configuration known by in Tunnelblick. (Otherwise, each configuration will be known in Tunnelblick by the name of the OpenVPN configuration file that it uses);
3. Copy all the files related to the configuration(s) into the folder (ca.crt and \*.ovpn).
4. Add an extension of ".tblk" at the end of the folder name. When you do this the icon for folder will change into a Tunnelblick VPN Configuration.
5. Double-click the folder's new icon to install it. \*Find more information regarding converting on <https://code.google.com/p/tunnelblick/wiki/cConfigT>