VPN Installation and Clients

ConnectCarolina access for faculty & staff requires the use of a secure connection:

On-campus, using Wi-Fi: access is allowed only via the eduroam Wi-Fi network. (Please see Connecting to the UNC Wireless Network (https://help.unc.edu/help/connecting-to-the-unc-wireless-network/) for info on joining the Eduroam Wi-Fi network.)

Off-campus: access requires the use of a Virtual Private Network (VPN).

From your Mobile Device's Data Network (LTE/4G/3G): access requires the use of a Virtual Private Network (VPN).

In order to prepare for future changes with our Knowledgebase site. We have moved the VPN Client files for Windows, macOS, and Linux to a new hosting service. This change will now require a secondary authentication via Single Sign-on (SSO) if you have not already authenticated via SSO. We apologize for any inconvenience this may cause, on the bright side you will no longer have to unzip the downloaded file.

Key

✔ This client is supported and able to perform all of the functions very well, with few or no issues.

⚠ This client has limited support of some basic functions.

✘ This client is not supported on the operating system.

<table>
<thead>
<tr>
<th>Operating System (All)</th>
<th>AnyConnect</th>
<th>IPSec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows 7/8/8.1/10</td>
<td>✔️</td>
<td>✘</td>
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<tr>
<td>macOS (10.8.x – 10.13.x)</td>
<td>✔️</td>
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</tr>
<tr>
<td>Linux 64-bit: The 32-bit version of Linux is not supported any longer.</td>
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<td>✘</td>
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A Virtual Private Network (VPN) provides an encrypted connection (secure tunnel) from off campus to the UNC-Chapel Hill internal network. VPN allows you to access campus applications and work securely, just as if you were physically on campus. Access to some campus applications from off campus require the use of VPN (i.e. Remote Desktop, Shared Drives, Virtual Computing Lab (https://vcl.unc.edu/index.php?mode=selectauth), Virtual Lab (https://help.unc.edu/CCM3_031721), & ConnectCarolina (http://connectcarolina.unc.edu)). For additional information please visit Frequently Asked Questions.

What is a VPN?

A Virtual Private Network (VPN) provides an encrypted connection (secure tunnel) from off campus to the UNC-Chapel Hill internal network. VPN allows you to access campus applications and work securely, just as if you were physically on campus. Access to some campus applications from off campus require the use of VPN (i.e. Remote Desktop, Shared Drives, Virtual Computing Lab (https://vcl.unc.edu/index.php?mode=selectauth), Virtual Lab (https://help.unc.edu/CCM3_031721), & ConnectCarolina (http://connectcarolina.unc.edu)). For additional information please visit Frequently Asked Questions.

How do I obtain and install the VPN?

The following links contain critical information regarding the installation, configuration, and available support of the Cisco AnyConnect client. Please select your operating system from the list below for information on downloading and configuring the VPN.

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<td>iOS (10.x)</td>
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<td>✗</td>
</tr>
<tr>
<td>Android (4.x.x – 7.x)</td>
<td>✔️</td>
<td>✗</td>
</tr>
<tr>
<td><strong>Chromebook</strong>: There is an AnyConnect client for Chromebook. Please see instructions below.</td>
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<tr>
<td>* 8 RT</td>
<td>✗</td>
<td>✗</td>
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<tr>
<td><strong>Windows RT</strong>: Microsoft does not support AnyConnect for Windows RT and have given no indication that will change.</td>
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<tr>
<td><strong>Windows XP</strong> and <strong>Vista</strong>: These operating systems are no longer supported.</td>
<td>✗</td>
<td>✗</td>
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Connection Settings
Begin by downloading the Cisco AnyConnect VPN for Windows 7/8/8.1/10:

Download (https://shareware.unc.edu/unconly/win/anyconnect-win-4.6.03049.msi)

Once you’ve downloaded the client, locate the downloaded file on your local computer and double-click the file icon. Open: anyconnect-win-4.6.03049-core-vpn-predeploy-k9.msi or you can find the location on your computer and run the .msi file yourself. The

Connection Settings

**Server Name**: vpn.unc.edu  
**Group**: UNCCampus  
**Username**: your Onyen  
**Password**: your Onyen password  
**Second Password**: Enter a Duo command (example: push)

As of September 18, 2017 the VPN application requires 2-Step Verification for authentication with the UNCCampus group.

**Register for 2-Step Verification**

Go to onyen.unc.edu (//onyen.unc.edu/) and click Register & Manage 2-Step Verification.

Please visit 2-Step Verification (Duo) (//help.unc.edu/duo) and click the How to Get Started tab for detailed instructions for the registration process.

**How to use Duo commands with VPN**

Please visit 2-Step Verification (Duo) (//help.unc.edu/duo) and click the VPN tab for detailed instructions on how to use Duo with VPN.
installer will build a preferences file for you which will connect to vpn.unc.edu and set up the group.

**Installing AnyConnect for Windows 7/8/8.1/10.**

**Windows 10 Users:**
You may be prompted by Windows SmartScreen, Please click on More Info and Run AnyWay buttons to run the installer.

![Windows protected your PC](//help.unc.edu/files/2015/09/Win10-UnknownPublisher.png)

At the **Welcome** screen choose **Next** to continue.

![Cisco AnyConnect Secure Mobility Client Setup](//help.unc.edu/files/2015/09/1-VPN-AnyConnect-Win10-Welcome.png)
Choose **I accept the license agreement** and select the **Next** button.

Click on **Install**.
Click on **Yes** for User Account Control to allow the application to install.

![User Account Control](https://help.unc.edu/files/2015/09/4-VPN-AnyConnect-Win10-UAC.png)

Upon completion the confirmation window will appear. Click **Finish** to exit the application.

![Cisco AnyConnect Secure Mobility Client Setup](https://help.unc.edu/files/2015/09/5-VPN-AnyConnect-Win10-Finish.png)
Connecting Cisco AnyConnect VPN Client.

The *Cisco AnyConnect VPN Client* should be pre-configured. All you should have to do is the following:

Once your computer has restarted, select *Cisco AnyConnect Secure Mobility Client* from the Start menu.
Click **Connect** by the **VPN**: Ready to connect drop down menu.

On the pop-up menu please choose the following:

- **Group**: UNCCampus
- **Username**: Onyen
- **Password**: Onyen Password
- **Second Username**: UNCCampus
- **Second Password**: Enter a Duo command (example: push)

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