



Cisco AnyConnect – eVPN End User Guide - Windows

A guide to using the Cisco AnyConnect client on a Windows-based computer.

Introduction

This guide describes how to use *Cisco AnyConnect* to create a secure eVPN connection (either wired or wireless) to the USDA network while outside the office.

This guide applies only to *Windows*-based computers.

NOTE: Ensure that you have a working Wi-Fi connection from your current location before attempting an eVPN connection.

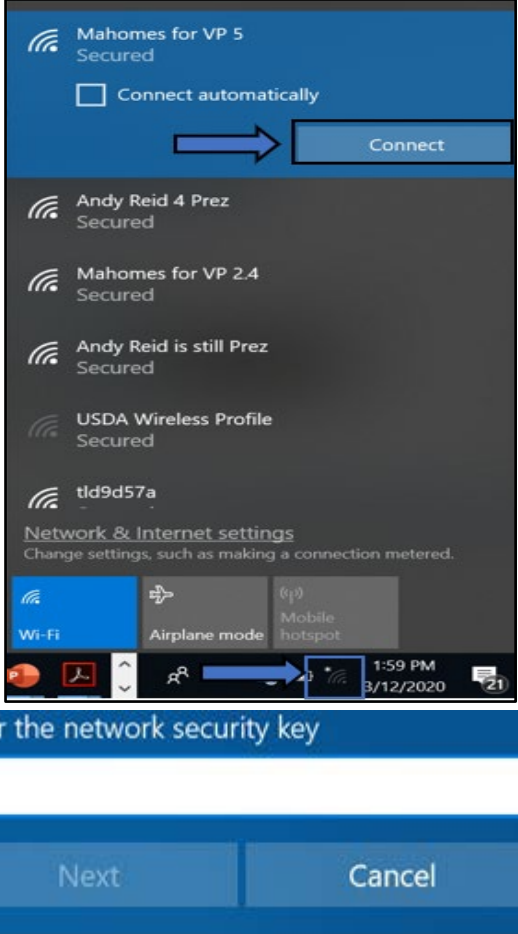
It's a good idea to "pin" the *Cisco AnyConnect* application to your task bar so you can access it easily whenever you need to establish a network connection. Here's how: Click on the *Start* menu and search for "AnyConnect." Then right-click on *AnyConnect* in the search results and select *Pin to task bar*.

The chart below shows the requirements needed for each telework option.

Preparing for Telework						
	Internet Connection	USDA Computer	Personal computer Non-USDA	LincPass	User Name and Password	Backup Mouse, Ethernet cord, and Keyboard
eVPN2	✓	✓		✓	✓	Optional
Citrix	✓	✓	✓	✓		Optional
O365	✓	✓	✓	✓		Optional

Connecting to non-USDA Local Network – Wireless Network Connection

Table 1: Connecting on non-USDA Local Network

Instructions	Images
<ol style="list-style-type: none"> 1. Log on to your computer with your LincPass card. 2. In the system tray, select the Windows Wireless option to make a connection. <ol style="list-style-type: none"> a. Locate a network to connect to. If at home, the first time you may need to input a security key. 	 <p>The image shows a Windows network settings window. At the top, there is a network named 'Mahomes for VP 5 Secured' with a checkbox for 'Connect automatically' and a 'Connect' button. A blue arrow points to the 'Connect' button. Below this are several other networks: 'Andy Reid 4 Prez Secured', 'Mahomes for VP 2.4 Secured', 'Andy Reid is still Prez Secured', 'USDA Wireless Profile Secured', and 'tld9d57a'. At the bottom of the network list, there is a 'Network & Internet settings' section with a link to 'Change settings, such as making a connection metered.' Below the network list, there are three icons: 'Wi-Fi', 'Airplane mode', and 'Mobile hotspot'. At the bottom of the screen, there is a taskbar with the system tray showing the time '1:59 PM' and date '3/12/2020'. Below the network settings window, there is a 'Security key' dialog box with the text 'Enter the network security key', a text input field, and 'Next' and 'Cancel' buttons.</p>

Creating a Secure eVPN Connection: LincPass Users

Table 2: LincPass Users Connecting on a Secure eVPN

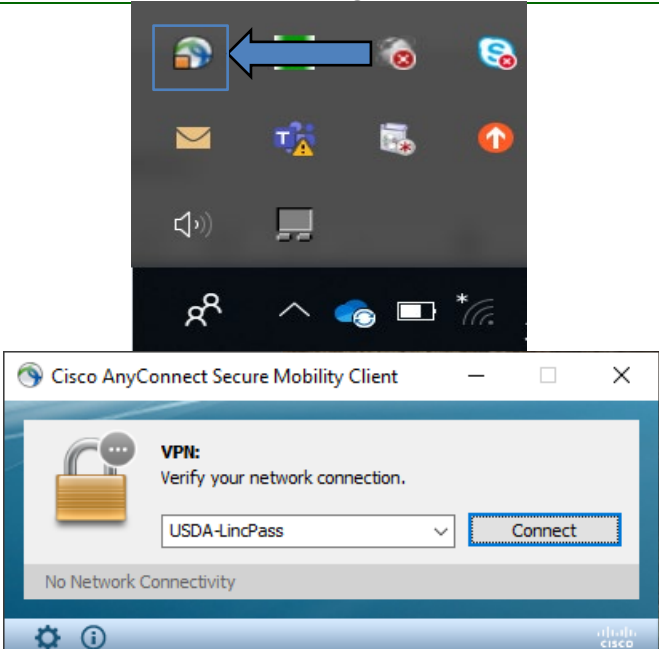
Instructions	Images
<p>1. Open the <i>Cisco AnyConnect</i> software to establish an eVPN network connection:</p> <ol style="list-style-type: none"> a. Click on the <i>AnyConnect</i> icon found in the hidden system tray or the menu option. b. With the USDA LincPass option selected, click on <i>Connect</i>. 	

Table 3: ActivClient Login for LincPass PIN

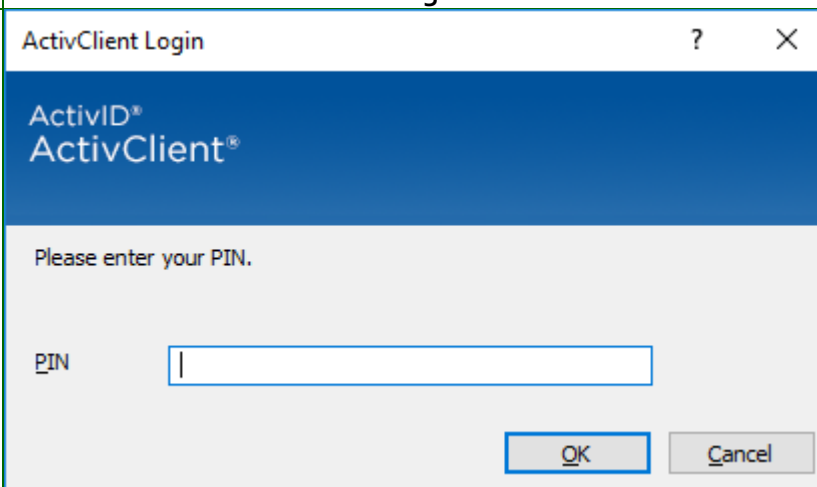
Instructions	Images
<p>The system will go through a few checks and may prompt you for your LincPass card PIN. Enter it and click OK.</p>	

Table 4: Cisco AnyConnect Disclaimer Window

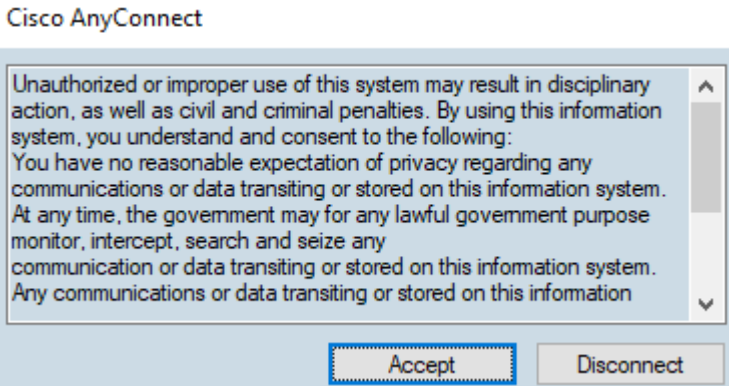
Instructions	Images
<p>A disclaimer screen will be displayed. Click <i>Accept</i> to continue.</p>	

Table 5: Cisco Connected Window


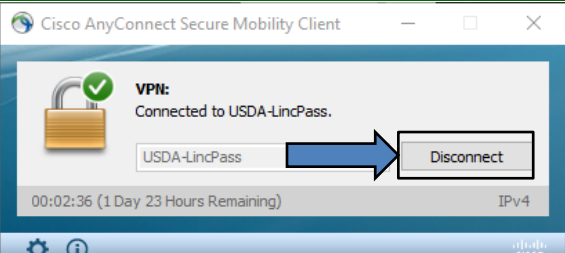
Instructions	Images
<p>The connection is complete when "Connected: USDA-LincPass" is displayed in the lower right corner.</p>	

Table 6: Ending eVPN Session

Instructions	Images
<p>When you are finished with the eVPN session, disconnect it by clicking on the <i>Cisco AnyConnect</i> icon and then clicking on <i>Disconnect</i>.</p>	

Creating a Secure VPN Connection: Non-LincPass (NOLP) Users

USDA policy states that users should log in to their workstation using a LincPass smartcard. However, if you have a *nonfunctioning* LincPass card, TSD staff can set up a temporary NoLincPass (NOLP) option. Contact your local TSD support staff or help desk for assistance.

Table 7: Cisco AnyConnect Secure Mobility Client Window

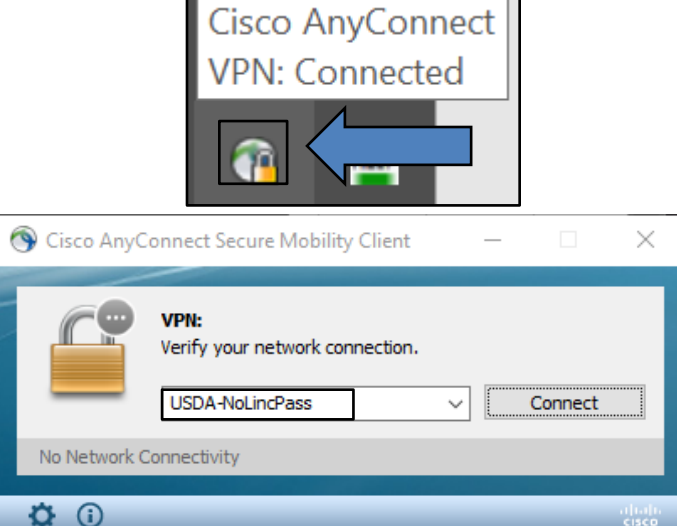
Instructions	Images
<ol style="list-style-type: none"> 1. Log on to your computer with your firstname.lastname user account (e.g., "John.Doe"). 2. Use the Windows option to create a wireless connection. <ol style="list-style-type: none"> a. Click on the <i>AnyConnect</i> icon found in the hidden system tray or the menu option. b. With the <i>USDA-NoLincPass</i> option selected, click on <i>Connect</i>. You may need to use the down arrow to select <i>USDA-NoLincPass</i>. 	 <p>The image shows two parts of the Cisco AnyConnect interface. The top part is a notification window titled "Cisco AnyConnect VPN: Connected" with a blue arrow pointing to the system tray icon. The bottom part is the "Cisco AnyConnect Secure Mobility Client" window, which displays a padlock icon and the text "VPN: Verify your network connection." Below this, there is a dropdown menu with "USDA-NoLincPass" selected and a "Connect" button. At the bottom of the window, it says "No Network Connectivity".</p>

Table 8: Cisco AnyConnect No LincPass Window

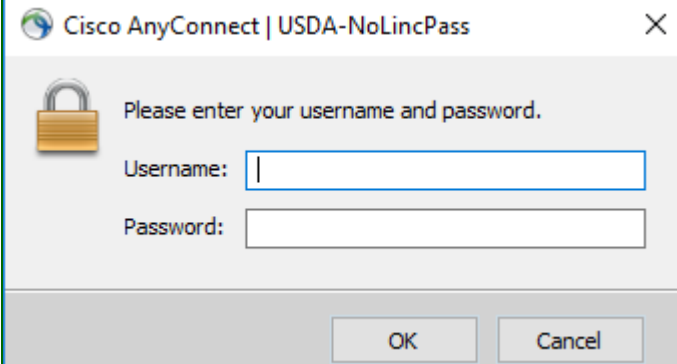
Instructions	Images
<p>The system will go through a few checks and then prompt you for your username and password. Enter in your user account information used to login to Windows and then click OK.</p>	 <p>The image shows the "Cisco AnyConnect USDA-NoLincPass" login window. It features a padlock icon and the text "Please enter your username and password." Below this, there are two input fields: "Username:" and "Password:". At the bottom of the window, there are "OK" and "Cancel" buttons.</p>

Table 9: Cisco AnyConnect Disclaimer Window

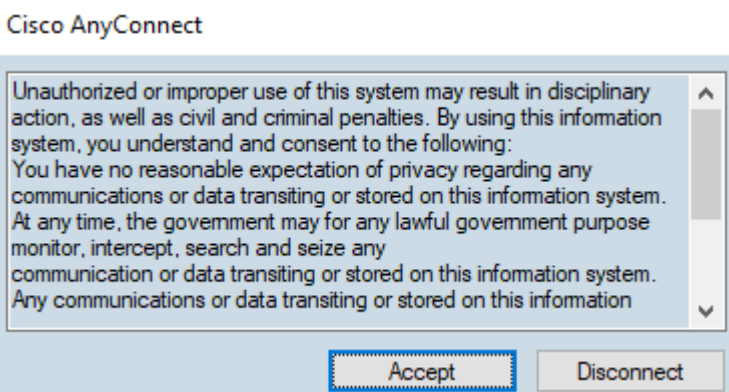
Instructions	Images
<p>A disclaimer screen will be displayed. Click <i>Accept</i> to continue.</p>	

Table 10: Cisco Connected Window


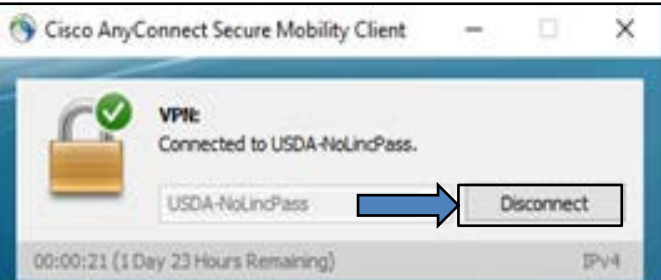
Instructions	Images
<p>The connection is complete when "Connected: USDA NoLincPass" is displayed in the lower right corner.</p>	

Table 11: Ending eVPN Session

Instructions	Images
<p>When you are finished with the eVPN session, disconnect it by clicking on the <i>Cisco AnyConnect</i> icon and then clicking on <i>Disconnect</i>.</p>	

Cisco Start Before Log-On

Cisco AnyConnect has an option to make the EVPN2 connection before logging onto the system. This is called “Start before log on”. Note: sometimes it is referred to as “Start before log in”

Use the Cisco Start Before Log-on for the reasons below:

1. You receive an error, **Domain not specified** when logging in.
2. Log-in scripts will run as well as group policy and connect to internal resources (You can have your drives connected before log-in to Windows).
3. You received a new LincPass card or the certificate has been updated and have not logged onto the workstation for the first time to cache the credentials and attempting to log on outside of the USDA network.

Table 12: Network Sign-In Screen

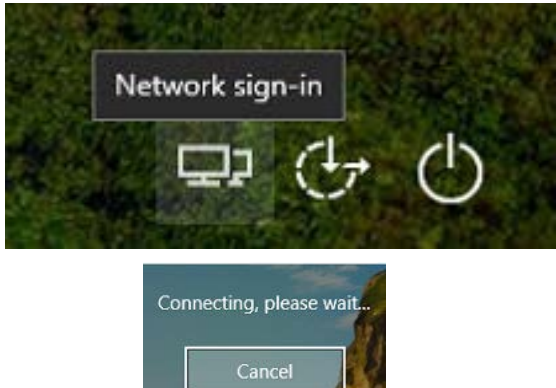
Instructions	Images
<p>At the initial windows log-on screen, press the [Ctrl] + [Alt] + [Delete]. At the Notice screen click on OK.</p> <p>Click the [Network Sign-in] icon in the lower right corner of the screen. The Network Connect window is displayed.</p> <p>It will display “Connecting, please wait...”</p>	

Table 13: Accept Screen

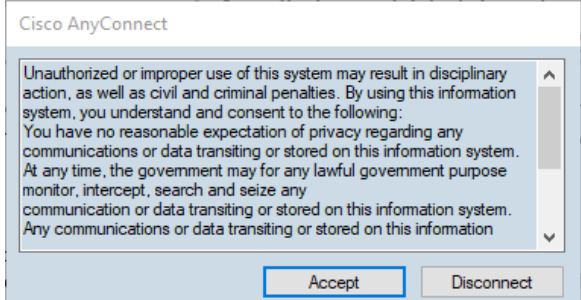
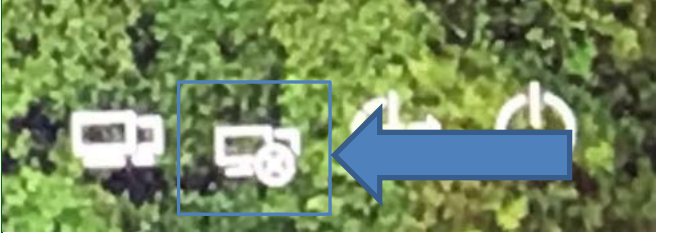
Instructions	Images
<p>AnyConnect Network should connect and prompt the user to accept the “Unauthorized Access is Not Allowed” agreement. Select “Accept” to connect to the network.</p>	

Table 13: Accept Screen

Instructions	Images
<p>After you connect successfully, a screen like the image seen on the right appears. A successful “Start Before Log-on” connection can be confirmed by the presence of the Microsoft “Disconnect” button in the lower-right corner.</p>	 <p>The image shows a connection screen with a green background of trees. There are several white icons: a computer monitor, a printer, a speech bubble, and a power button. A blue square highlights the speech bubble icon, and a blue arrow points to it from the right.</p>