

# VPN Connectivity Guide for Remote Access Programs

Version 5.2-1

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This is version 5.2-1 of the VPN Connectivity Guide for Remote Access Programs.

## **Preface**

This document is intended to give detailed instructions for connecting with a VPN client to guest systems at the IBM Innovation Center – Dallas ISV z Systems Center.

Any questions or comments regarding this document may be addressed to [zTech@us.ibm.com](mailto:zTech@us.ibm.com). Please reference VPN Guide 5.2-1 in the subject line.

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## VPN Infrastructure Overview

Authentication into the Dallas ISV z System Center uses the same user id and password to connect to the website <https://dtsc.dfw.ibm.com>, and the VPN gateway at 198.81.193.13. Changing the password in one place causes the password to change in all other places.

When establishing a new VPN connection, be sure to select the group named “zDTSC-GUEST”.

## Account Management

### Password Expiration

Passwords for all active accounts are on a 60 day expiration timer. 60 days after setting your passwords, you will be required to change it. To set a new password access the web site <https://dtsc.dfw.ibm.com> with the expired password. You will be routed to web pages which will allow you to change your password.

### Account Validation

To validate your account is active and the password is current, attempt to log into <https://dtsc.dfw.ibm.com>. If there are no problems, you can then use the same user ID and password to connect to the VPN.

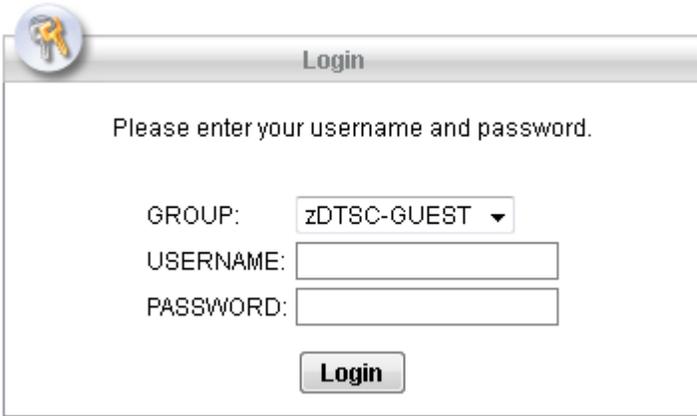
### Lost Password or Disabled Accounts

In the case of a lost password or a disabled account, the Dallas ISV z Center will reset your password upon request. Please send such requests to [etpadmin@us.ibm.com](mailto:etpadmin@us.ibm.com). You will be given a temporary password. To set a new password access the web site <https://dtsc.dfw.ibm.com> with the temporary password. You will be routed to web pages which will allow you to change your password.

## Windows AnyConnect Installation Instructions

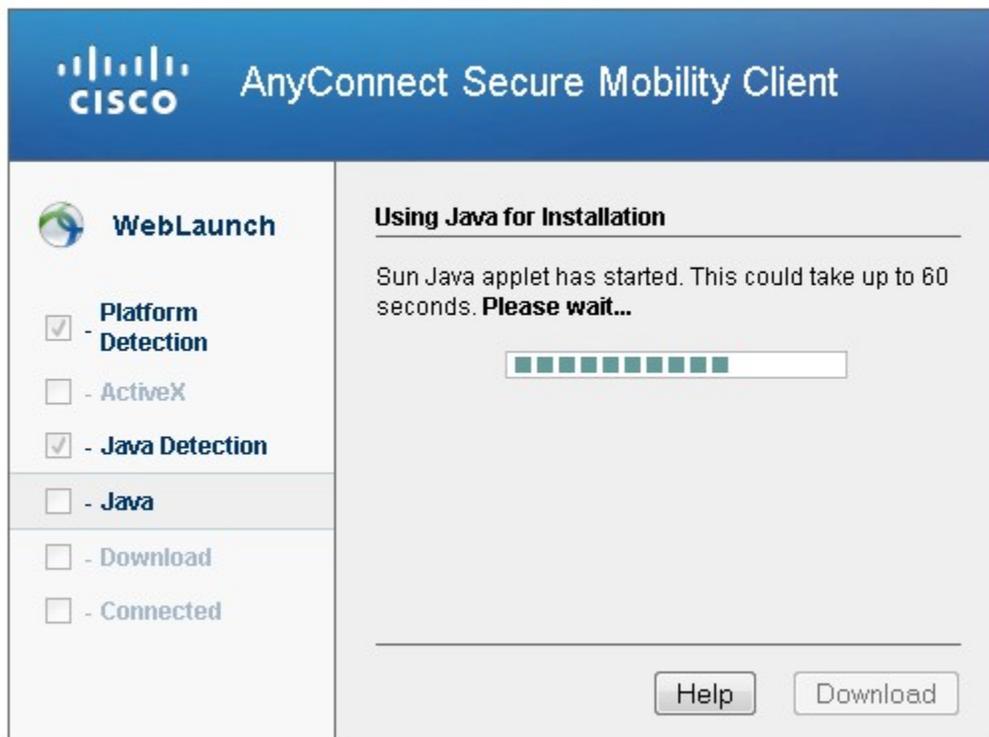
Please be aware: The exact procedure for the AnyConnect Client installation depends heavily on the environment in which it is being deployed. Your experience may differ from the following instructions. If you have any issues getting the client installed, contact the Dallas ISV z Center by sending email to [zTech@us.ibm.com](mailto:zTech@us.ibm.com). Please use VPN Connectivity as the subject line and describe your problem. Screen shot snip-its are always helpful.

1) Point your browser to <https://198.81.193.13>, select the zDTSC-GUEST group, enter your user ID and password, then click Login.

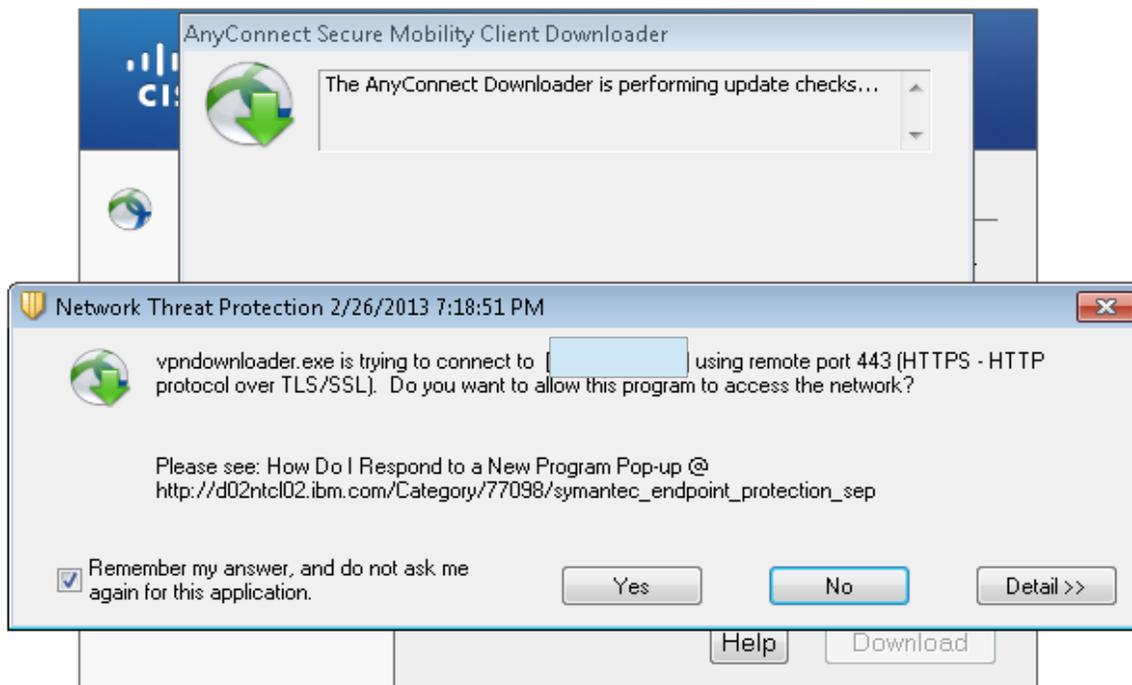


The screenshot shows a web browser window with a title bar that says "Login". Inside the window, there is a message: "Please enter your username and password." Below this message are three input fields: a dropdown menu for "GROUP:" with "zDTSC-GUEST" selected, a text box for "USERNAME:", and a text box for "PASSWORD:". At the bottom of the form is a "Login" button.

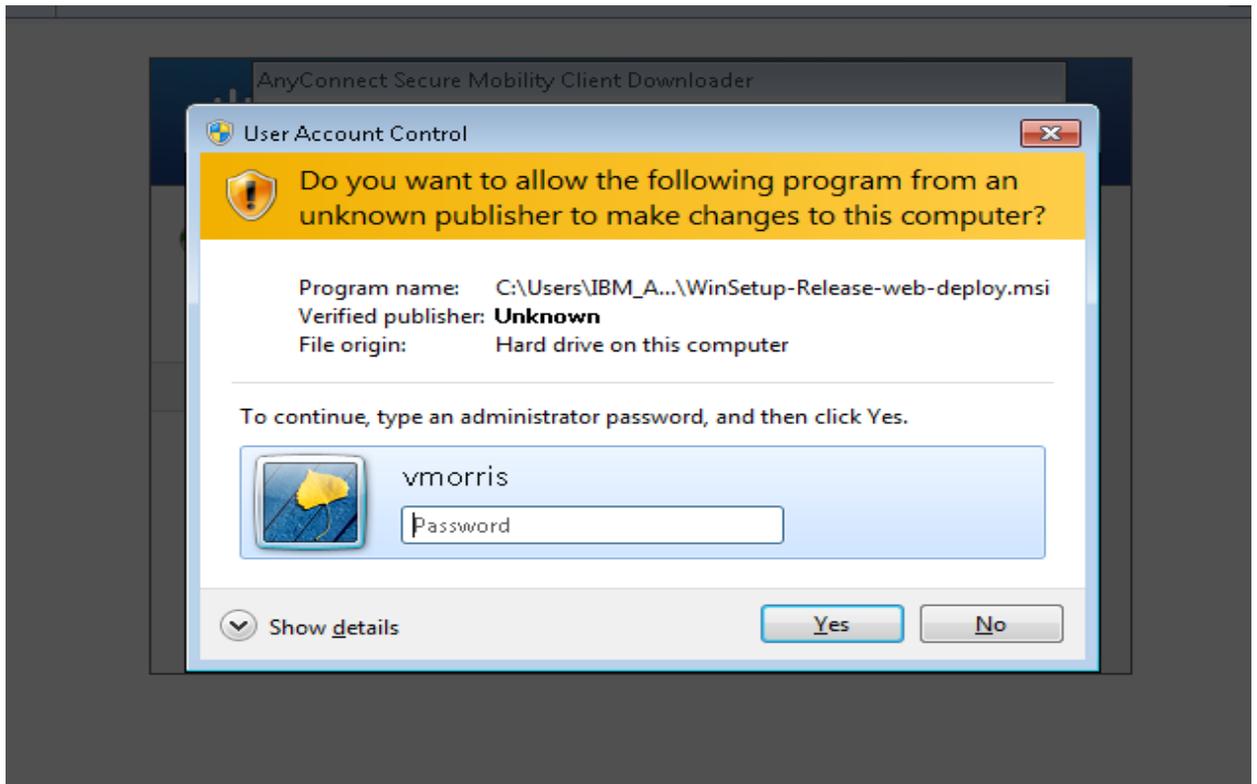
2) Observe the AnyConnect Secure Mobility Client Java Installation begin to start.



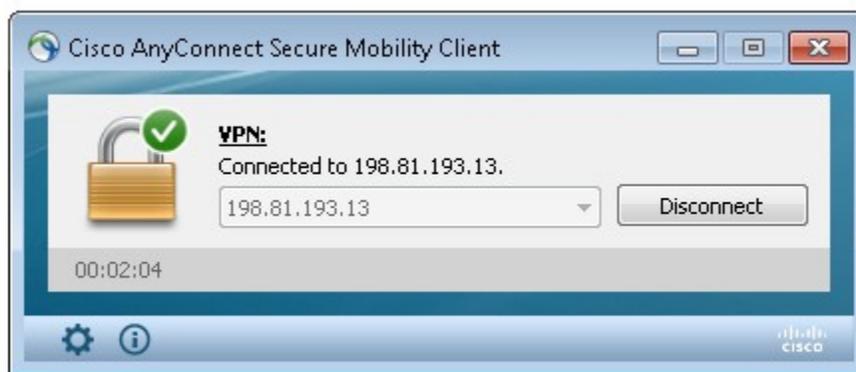
3) Your firewall and/or antivirus software may display warning and confirmation dialogs, click to allow.



4) Windows may ask for your password to confirm. This is NOT your VPN credentials, but your Windows account credentials.



5.a) After the installation completes, the connection will automatically establish itself.



5.b) If you do not see the above window, you'll need to manually launch the AnyConnect client program. Look for the AnyConnect icon in your taskbar or find the launcher inside your Start menu.

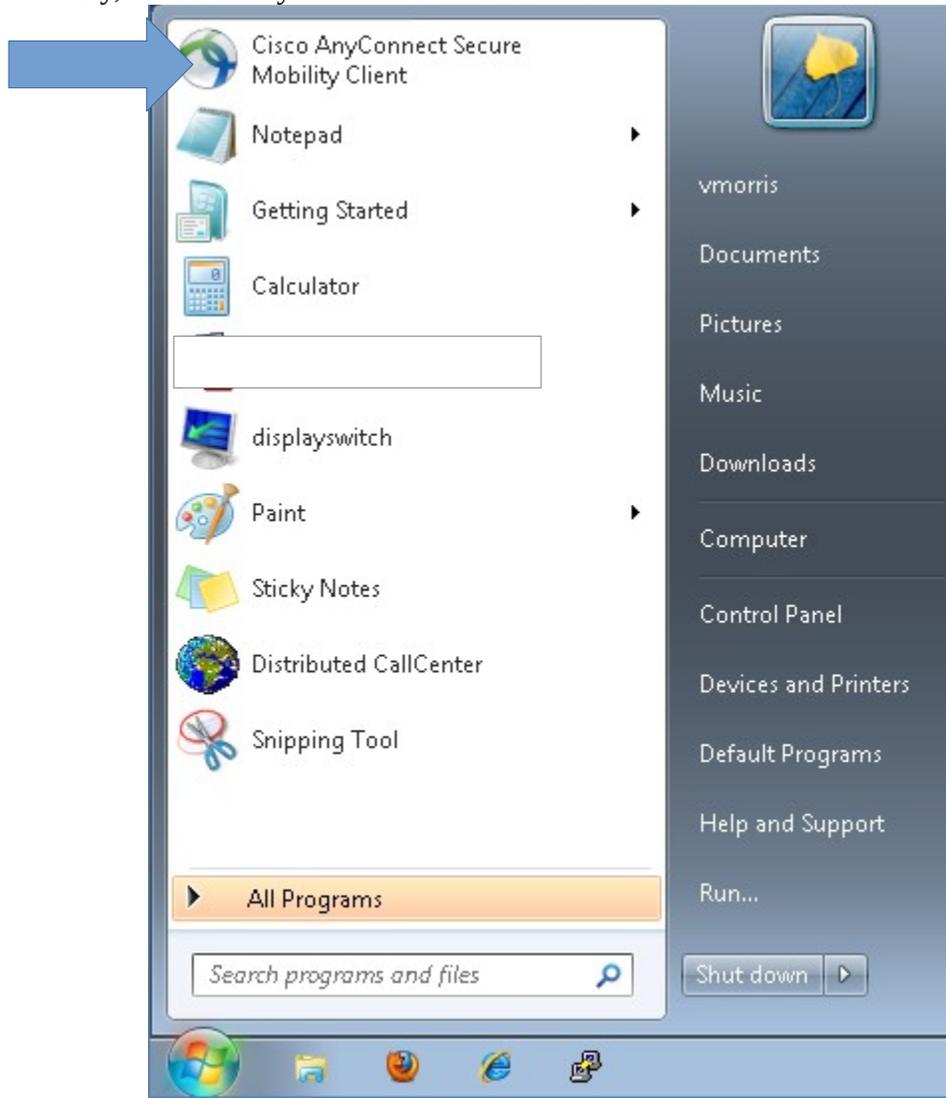
## Windows AnyConnect connection (post-install)

Once you've successfully installed AnyConnect, to establish a new VPN connection follow these instructions:

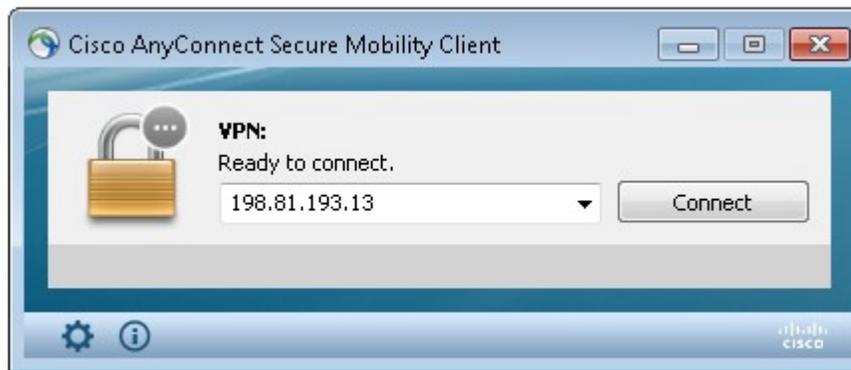
1.a) Click the AnyConnect icon inside your taskbar.



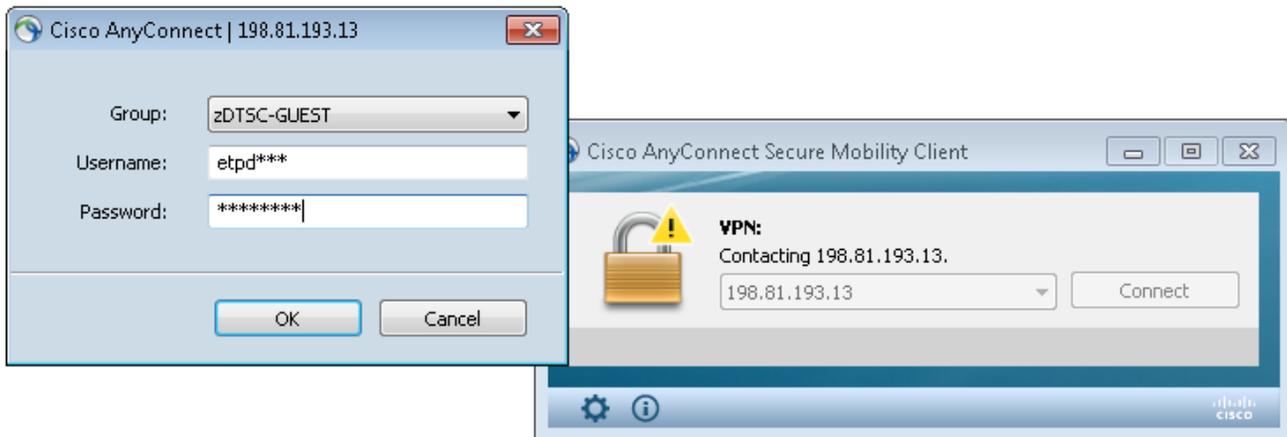
1.b) Alternatively, start the AnyConnect VPN client software from the start menu.



2) Click the Connect button.



3) Select the zDTSC-GUEST group, and enter your VPN credentials.



4) Once your connection has been established, the AnyConnect icon in the taskbar will change to show a lock.



5) To close the VPN connection, left click the taskbar icon and click Disconnect.

## Red Hat Enterprise Linux OpenConnect Installation

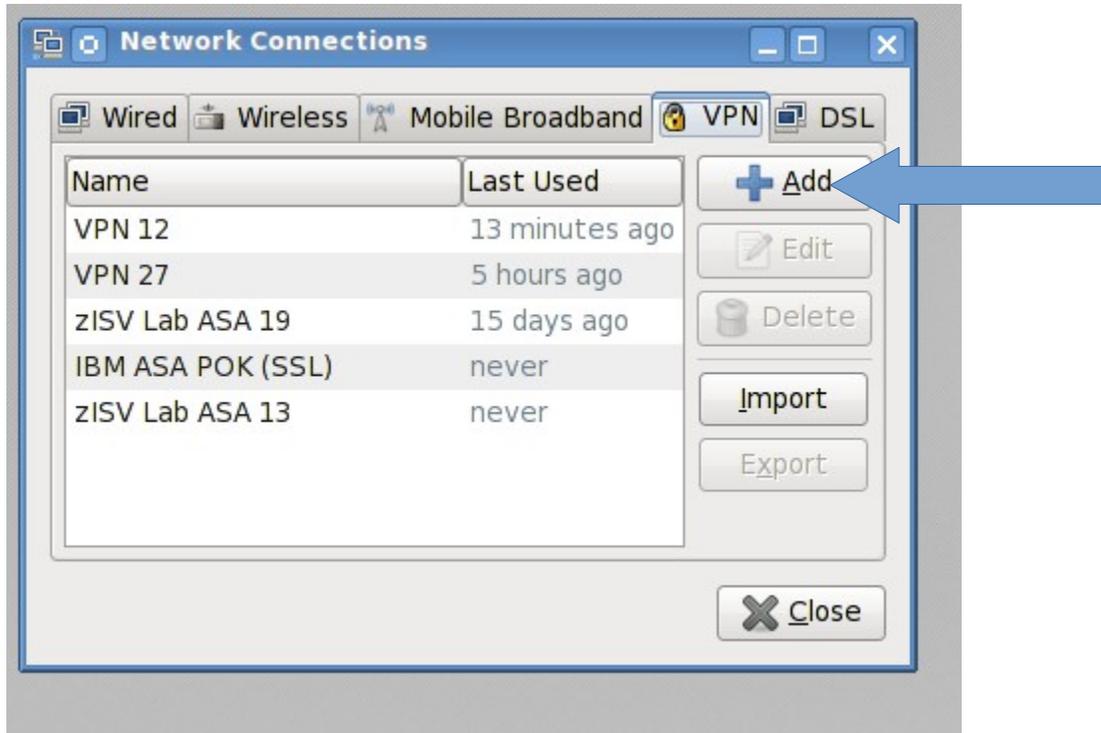
There is no installation required for RHEL OpenConnect, it is already installed. Proceed to the next section to see how to configure it.

## Linux OpenConnect Configuration

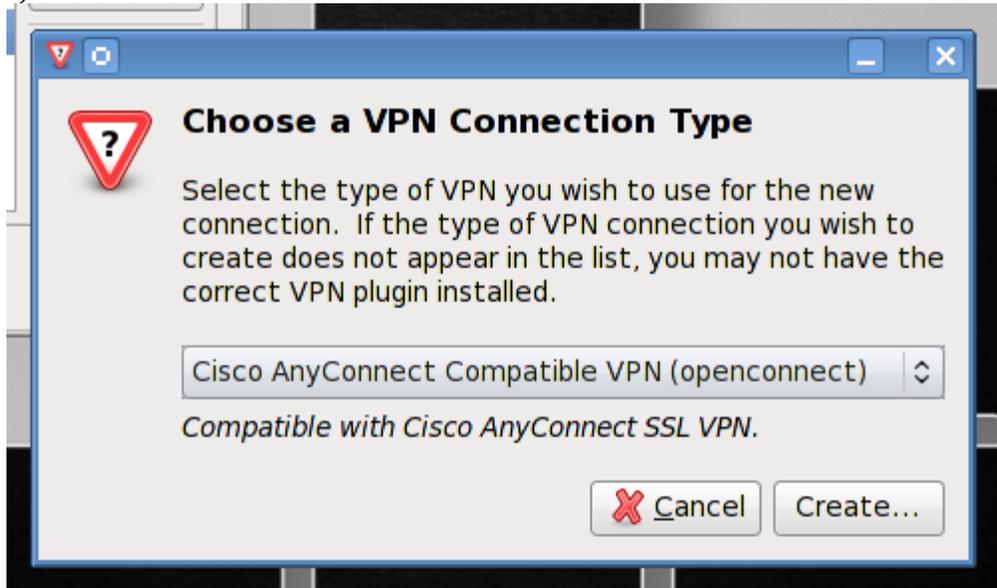
1) Left click on the NetworkManager icon in the taskbar, select VPN Connections and click on Configure VPN...



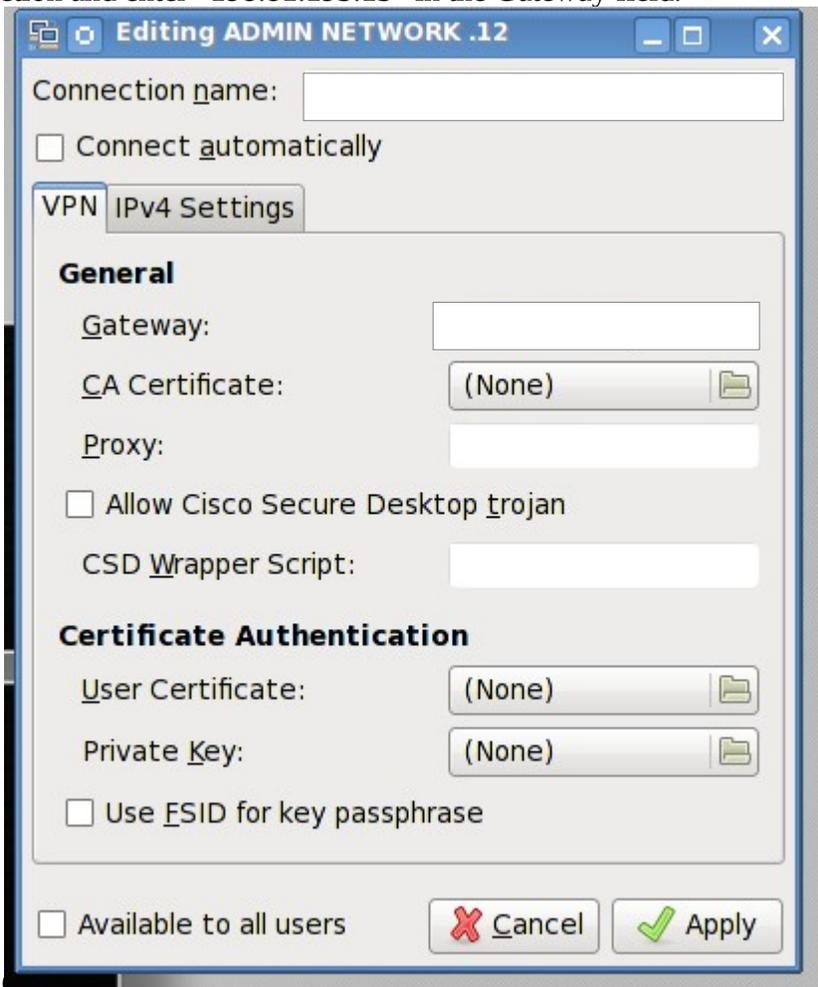
2) Click the Add button.



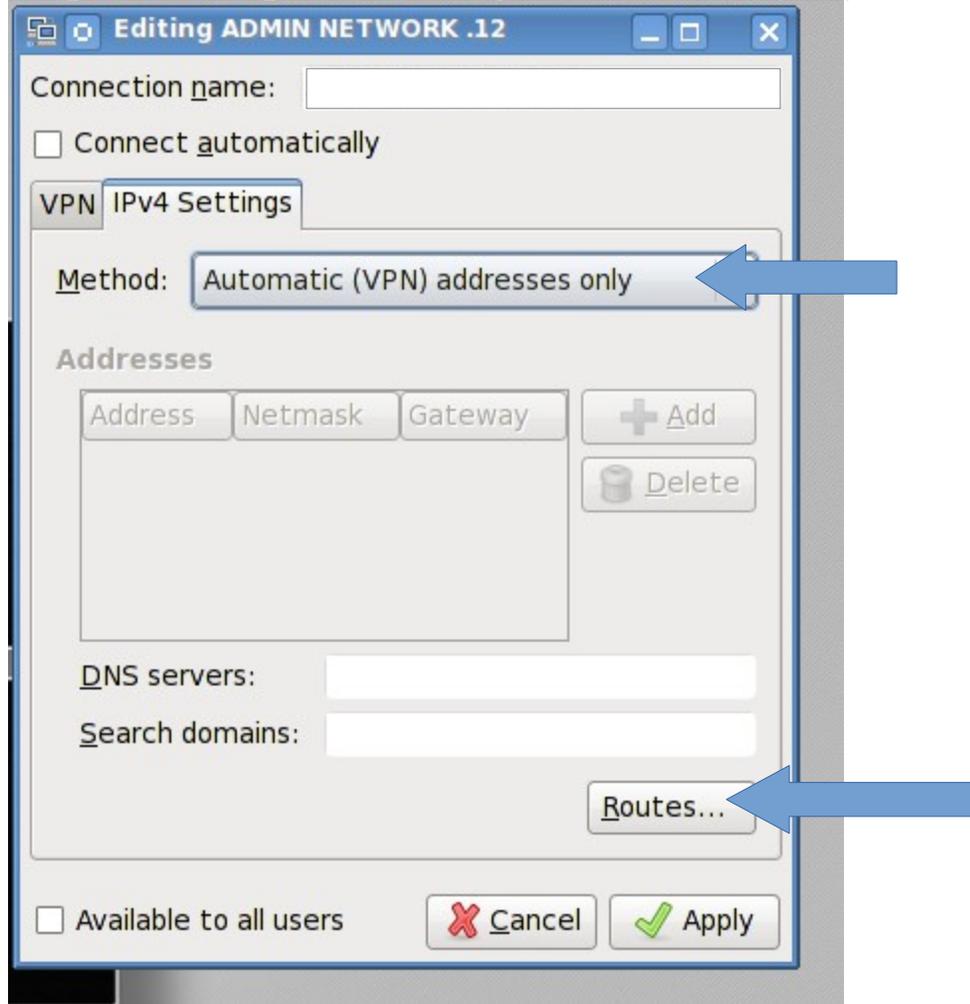
3) In the Choose a VPN Connection Type window, select Cisco AnyConnect Compatible VPN (openconnect) and click Create.



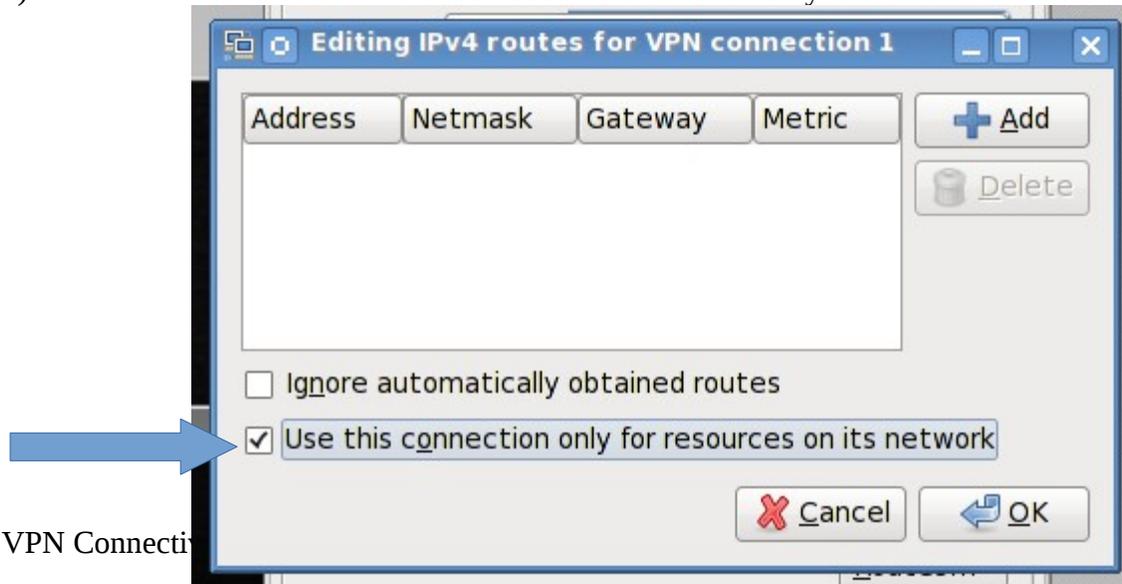
4) Name the connection and enter “198.81.193.13” in the Gateway field.



5) Click the IPv4 Settings tab and change the Method drop down to Automatic (VPN) addresses only.



6) Click the Routes... button and check Use this connection only for resources on its network.

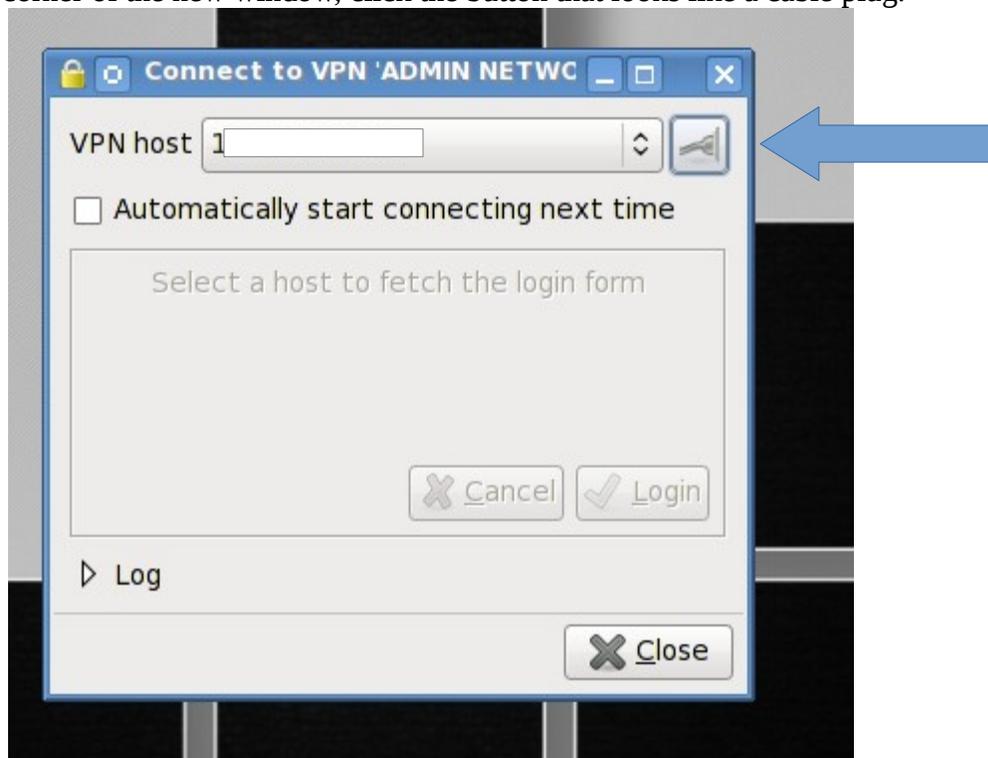


VPN Connecti

7) Click OK all the way back to your desktop, then left click the NetworkManager icon, select VPN Connections, and click on your newly created VPN connection.



8) In the top right corner of the new window, click the button that looks like a cable plug.



9) **Select the zDTSC-GUEST group** and enter your VPN credentials. Then Click Login. Please note that the timeout period is very short for entering this information. If you do not enter your credentials and click Login within about 10 seconds, the connection will fail.



10) Once you've successfully connected, the NetworkManager icon will show a lock indicating that the VPN tunnel is established.



11) To disconnect the VPN, left click the NetworkManager icon, click VPN Connections, and click Disconnect VPN.

## DEB-Based Linux OpenConnect Installation

Run the following command from a shell:

```
sudo apt-get install network-manager-openconnect
```

Once the OpenConnect client has been installed, follow the instructions in the previous section to configure it.