VISTA

## Vista - SSL VPN on Vista Operating System

Before we begin, Vista users must add <u>https://vpn.fsu.edu</u> to Vista's trusted sites under Internet Explorer>Tools>Internet Options>Security>Trusted Sites. It is advised that you add all your trusted sites at this time too. This is required on Windows Vista to use WebLaunch.

Open your web browser to www.fsu.edu

Type into the address bar vpn.fsu.edu, hit enter

If this window pops up, click on yes



This is the login screen for campus VPN, please sign in with your FSUID and password.



### Click on AnyConnect.



## Now click on Start AnyConnect

Home	Address http:// •	Browse Logod
AnyConnect     AnyConnect     AnyConnect     Vive Connections     Vive Connections     Terminal Servers	AnyConnect Part AncOnnect Click, here Attestion Visita Users Attestion and the second second second Attestion and the second sec	Initiate an Any-Connect dent session to provide dent applications or your desitoy with intervolvi access through any your own network access rights. For example, an Any-Connet session might be necessary to use Monosoft and the Session and the necessary to use Monosoft and the Session and the Any Session and the Session and the Session and the Any Session and the Session and the Session and the Session and the Session and the Session and the Session and the Session turning on comparison and the Session and the Session (Session and Session and Session and Session and Session and Session (Session and Session and S
		Requirements To access remote services over an AnyConnect client session, your system must have the following setup: • Your VPN site must be in the list of trusted sites, as described below, (Required for Windows Vista, highly recommended for all.)

Click to close the information bar.

Home	Address http:// •	Browse	Logout
Web Applications	Information Bar		
AnyConnect	Did you notice the Information Bar?		
Teinet/SSH Servers	The Information Bar alerts you to security-related conditions		
C VNC Connections	for example, if a potentially unsafe file or pop-up was just blocked). If a webpage does not display properly, look for the		
Terminal Servers	Information Bar at the top of the page and click it.		
	Don't show this message again		
	Click		
	- ActiveX		
	🗌 - Java Detection		
	🗌 - Microsoft Java		
	🗌 - Sun Java		
	🗇 - Download		

Click Download .



The installation will tell Vista users to download an installer package



You can click to run the application or click to save the application to your hard drive. In this example, I choose Save.



### **Click Save**



### Click Run.



## **Click Run**



#### **Click Next**



## Accept the License Agreement and Click Next



### Click Install. This will take a few minutes.



### **Click Finish**



## **REBOOT** your computer now!!!!

**REMINDER NOTE**: You must have added Trusted Sites Web addresses. Go to Tools>Internet>Security>Trusted Sites>Sites> (You've added vpn.fsu.edu, but you need to add the secure Web address you will be connecting to)

# Two Ways to sign into the VPN applicance. From the WEB site or from the Start Button

Step 1Web SiteType in <a href="https://vpn.fsu.edu">https://vpn.fsu.edu</a>

Enter you FSUID and Password on the VPN login page.

File View VM	st Floppy 1 🔯 🕼 🕼			
Number of active connections has changed. There are now 2 active connections to this console				
Florida State U	Enter the trusted WEB address of the Web Site			
Home	Address http://  http://www.pc.fsu.edu/ Browse Logout			
Web Applications				
😤 AnyConnect				
Telnet/SSH Servers	Cisco AnyConnect VPN Client			
VNC Connections				
Terminal Servers	WebLaunch Manual Installation			

## Step Two Start Button

## Using SSL VPN – Logging into VPN



Click on icon

## Open All Programs, find Cisco



Click on Cisco Click on Cisco AnyConnect VPN Client Click on Cisco Any Connect VPN Client



You are ready to start using VPN, type in vpn.fsu.edu, then click on Select button.



When you get ready to disconnect go to >Start>All Programs. Select Cisco



The window will pop up. Select Connection tab.



## **Other Information**

## If you get an error, it is probably because of the following:

On first time installs the end user must have administrative rights or your technical staff must install the client for you. If you did not have Administrator rights on your computer, you will get connection failed. Call your department technician or put in a help desk ticket at 644-Help.

User Account Control		
I An unidentified program wants access to your computer		
Don't run the program unless you know where it's from or you've used it before.		_
C:\Users\Melanie\AppDa\WinSetup-Release-web-deploy.msi	Connection failed	1
To continue, type an administrator password, and then click OK.	Server vpn.fsu.edu unavailable.	
Administrator Password	Back	
Details     OK Cancel		
User Account Control helps stop unauthorized changes to your computer.	How will you know that you are usi	ng the VPN
Look at your address bar.		

https://vpn.fsu.edu/+CSCO+00756767633A2F2F6A6A6A6A2E7366682E727168++/

## **Remember to Log out!**

After you have completed your VPN session, you must remember to log out of VPN. If you do not, you might have problems running other applications on the computer.

🛃 Win-Vista-M	ccall on						
File View VM							
Power Off	Suspend	👂 Power On	🌀 Reset	📄 Connect Floppy 1	🔯 Snapshot	Revert	🕼 Snapshot Manager
🥖 Alumni & Fi	iends - Windows	Internet Explorer					
<del>()</del> - ()	https://vpn.fsu	edu/+CSCO+dh	756767633A2F	2F6A6A6A2E7366682E72	7168++/alumni/		- 🔒 😽 🗙
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To end your vpn session, please click on file>exit

\*\*\*\*\*\*Users need to know that the VPN will disconnect after <u>5 minute</u> idle time.

\*\*\*\*\*Questions that need to be answered, before the end user and/or department technician contacts the Help desk to request help. If you are unable to answer the questions, please request a consult with Core networking.

- 1. Do you have a LDAP group established for the users who need SSL VPN access? Your computer Technician should be able to answer this question.
- 2. How many users do you anticipate needing access?
- 3. How many users are you expecting to connect simultaneously?
- 4. What services are you interested in providing through SSL VPN? ? Site to Site or remote-access (branch offices, partnership sites, traveling)
- 5. What specific resources are you interested in protecting through SSL VPN?
- 6. Are any of the resources you are interested in protecting currently behind a hardware firewall?
- 7. Will you require a custom IP address for Web Proxy-based services?

\*\*\*\*\*\*With your browser open, LocateTools>Internet Options>Advanced tab. Check to see if "Use SSL 3.0" is checked. If not, please check the box.



\*\*\*\*\*\*Remember to add your trusted sites. This is required on Windows Vista to use WebLaunch.

Internet Options
General Security Privacy Content Connections Programs Advanced
Select a zone to view or change security settings.
🧕 🗣 🗸 🚫
Internet Local intranet Trusted sites Restricted sites
Trusted sites
This zone contains websites that you trust not to damage your computer or your files.
Security level for this zone
Allowed levels for this zone: All
Hedium     Prompts before downloading potentially unsafe     content     Unsigned ActiveX controls will not be downloaded
Enable Protected Mode (requires restarting Internet Explorer)
Custom level Default level
Reset all zones to default level
OK Cancel Apply

You will add <u>https://vpn.fsu.edu</u> as a trusted site. You may add other trusted sites at this time too.



Your ready to use the campus VPN, go to >Start>All Programs. Select Cisco



Type in <u>https://vpn.fsu.edu</u>. Hit select button. You are now ready to begin using the VPN appliance.



When you get ready to disconnect go to >Start>All Programs. Select Cisco



The window will pop up. Select Connection tab. Click on disconnect button



\*\*\*\*\*Cisco VPN Client is only supported on Windows Vista clean install. It means that an upgrade of Windows of any OS to Windows Vista is not supported with the VPN Client Software of this Vista. You must freshly install the Windows Vista and try to install the Vista VPN Client software

\*\*\*\*\*\* Windows Vista Might Become Unresponsive During Sleep/Resume Cycles or Other Highload Conditions. If you use sleep and resume on Vista, you might find that the tunnel cannot be established due to the AnyConnect driver not being enabled. A reboot is typically required to recover from this condition.

The problem is caused by an issue in the Vista Kernel component

(http://support.microsoft.com/kb/952876). When this issue occurs, another core Vista component, TCPIPREG.sys, fails to function. The Cisco AnyConnect VPN Client relies on this service to set the IP address of the Virtual Adapter. If you see an error stating that the Virtual Adapter could not be set up, you might have encountered this issue. We recommend that you apply the patch if you are experiencing issues on Vista where the AnyConnect adapter fails to enable. After applying the patch, you might still see an occasional failure due to a timing issue in the TCPIPREG.sys service. This is rare and should be recoverable by simply trying the tunnel a second time. Cisco is working with Microsoft to correct this remaining issue.

\*\*\*\*\*Questions that need to be answered by department technician. If you are unable to answer the questions, please request a consult help desk ticket with Core networking.

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