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UCF Virtual Private Network (VPN)

VPN Client
The Cisco AnyConnect SSL client is the preferred VPN client that is used with the UCF network.

Only the following ports are permitted to internal UCF IP addresses:
- TCP 22 - SSH
- UDP 53 - DNS
- TCP 80 - HTTP
- TCP 123 - NTP (10.0.13.25)
- TCP 443 - HTTPS
- TCP 3389 - Windows Remote Desktop
- TCP 5800/5900 – VNC

Additional ports may be permitted to specific servers for services directly related to University business once the server has been properly registered and a request has been submitted to the UCF Service Desk. These requests are subject to review and approval by the Network Operations Center.

VPN Credentials
Your VPN connection will require your NID (Network ID) and NID password.

If you do not know your NID, please go to http://my.ucf.edu and select What are my PID and NID?

If you do not know your NID password, please go to http://mynid.ucf.edu/ and reset your password. You will need your UCF ID card.

If you do not have a UCF ID card please contact the UCF Service Desk at 407-823-5117 to request a password reset.
VPN on Windows

Installation

Please open a web browser and connect to the following URL: https://ucfvpn-1.vpn.ucf.edu

For Group:
If you are faculty or staff select “ucffaculty”.
If you a student, select “ucfstudent”.

For Username:
Enter your NID.

For Password:
Enter your NID password.

Click Logon.

Click on Continue.

The AnyConnect Secure Mobility Client window will open and begin checking your system.

If the User Access Control window appears, choose Yes to continue.
If you are prompted to install any components, click OK, Run, Accept, etc to continue the installation.

Once the components are installed the system should complete setting up the AnyConnect application.

The Client window should display Connection Established and there will be an icon in the Windows System Tray.

The Client will display a security statement. If you are an authorized UCF VPN user click Accept.

If the installation failed, check Appendix A for troubleshooting when auto-install fails.

Your first session is now active and connected.
Starting New Sessions

Windows:

The next time you want to open a VPN session, click the Start Menu, All Programs, Cisco and then Cisco AnyConnect VPN Client shortcut to launch the client.

When the client opens, it will already display the VPN server address (ucfvpn-1.vpn.ucf.edu) in the “Connect to:” field.

Click Connect to begin a new VPN session.

For Group, the group chosen during set-up should be showing.

For Username, enter your NID.

For Password, enter your NID password.

Click OK.

The Client will display a security statement. If you are an authorized UCF VPN user click Accept.
The VPN connection should now be established and the VPN icon will be in the Windows System Tray.

**Ending a VPN Session**

To end your VPN session, double-click the **VPN icon**.

On the Connection tab, click **Disconnect**.
VPN on OSX Cisco AnyConnect SSL Client

URL: [https://ucfvpn-1.vpn.ucf.edu](https://ucfvpn-1.vpn.ucf.edu)

**Installation**

Please open a web browser and connect to the following URL:
[https://ucfvpn-1.vpn.ucf.edu](https://ucfvpn-1.vpn.ucf.edu)

**For Group:**
- If you are faculty or staff select “ucffaculty”.
- If you are a student, select “ucfstudent”.

**For Username:**
- Enter your NID.

**For Password:**
- Enter your NID password.

Click **Logon**.

Click on **Continue**.

The system will open a window asking for access for an applet “ucfvpn-1.vpn.ucf.edu”. Click **Allow**.
You may be asked to provide your username and password for the computer to continue the install.

The Cisco AnyConnect VPN Client will open and begin checking your system.

The program requires you to install missing components (like Java).

Once the components are installed the system should complete setting up the AnyConnect application.

The Client window should display Connection Established and there will be an icon in the dock.

If the installation failed, check Appendix B for troubleshooting when auto-install fails.

Your first session is now active and connected.
Starting New Sessions

Select Finder, then Go. Click Applications. Locate and open the Cisco folder. Click the Cisco AnyConnect shortcut to launch the client.

For Group, the group chose during set-up should be showing.
For Username, enter your NID.
For Password, enter your NID password.
Select Connect.

The Client will display a security statement. If you are an authorized UCF VPN user click Accept.

The VPN connection should now be established and the VPN icon will be in the dock.

Ending a VPN Session

To end your VPN session, click the VPN client on the dock. When the client opens, click on Disconnect.
VPN on Mobile Devices

Mobile devices, such as iPhone and BlackBerry, cannot use the AnyConnect client. However the IPSec service can be used if it is available on the device.

Settings

For Faculty/Staff

Protocol: IPSec
Description: UCFVPN-1
Server: ucfvpn-1.vpn.ucf.edu
Account: Your NID
Password: Ask Every Time
Use Certificate: Off
Group Name: ucffaculty
Secret: pegasus
Proxy: Off

For Students

Protocol: IPSec
Description: UCFVPN-1
Server: ucfvpn-1.vpn.ucf.edu
Account: Your NID
Password: Ask Every Time
Use Certificate: Off
Group Name: ucfstudent
Secret: knights
Proxy: Off
Appendices

Appendix A: Auto-Install Fails for Windows

If the Cisco AnyConnect SSL Client fails to install, the wizard should offer you a link for manual installation. Click on the link.

When prompted, select **Save File**.

If prompted, select **Save**.
Once the file is saved, choose to Run it so the wizard starts.

Once the wizard opens, click on Next.

The End-User License Agreement will open. If you accept the terms, choose the “I accept the terms in the License Agreement” button and then click on Next.
Click **Install** to begin the installation.

The client should begin installing.

Once completed, the system should prompt you to sign on. If not, click the **Start Menu, Programs** and then locate and click the **Cisco AnyConnect VPN Client** shortcut to launch the client.

When the client opens, it will already display the VPN server address (ucfvpn-1.vpn.ucf.edu) in the “Connect to:” field.

Click **Connect** to begin a new VPN session.
For Group, the group chosen during set-up should be showing.

For Username, enter your NID.

For Password, enter your NID password.

Click OK.

The Client will display a security statement. If you are an authorized UCF VPN user click Accept.

The VPN connection should now be established and the VPN icon will be in the Windows System Tray.
Appendix B: Auto-Install Fails for OSX

If the Cisco AnyConnect SSL Client fails, check to see if the window is displaying “Missing Plug-in” in the lower left corner of the screen.

If it is, click on it to install the missing plugin.

The system may ask you to read and agree to Apple software terms. If you agree, click on Agree.
The plugins should install and the system will display a “installed successfully” message. Click **OK**.

Some plug-ins may be asked to be enabled after installation. Click on **Enable**.

You will then need to restart your browser. Be sure to close out the browsers and exit the program (Safari, Firefox, etc.) all the way. If you see the blue dot under the browser icon on the dock, the program is not fully closed.

Open a new browser, go to **https://ucfvpn-1.vpn.ucf.edu** and repeat the installation instructions. This time the installation should finish and the connection will be established.
If the installation fails again, but there are no missing plug-ins, choose the “Mac OS X 10.4+ (intel)” link to manually install the client.

The files will download.

Click on the download icon, open the menu and select Show in Finder.

Double-click on vpnsetup file to open it.
Click on the vpn.pkg to start the installation.

Click on **Continue**.

Click on **Continue**.

The terms can be found by clicking on **Read License**.
If you accept the terms, click on **Continue**.

Click on **Install** to finish installation.

The system may require you to enter your computer username and password to allow the change.

The installation should then be complete. Click close.
Select **Finder**, then **Applications**. Locate and open the **Cisco** folder. Click the **Cisco AnyConnect** shortcut to launch the client.

For **Group**, the group chose during set-up should be showing.

For **Username**, enter your **NID**.

For **Password**, enter your **NID password**.

Select **Connect**.

The Client will display a security statement. If you are an authorized UCF VPN user click **Accept**.

The VPN connection should now be established and the VPN icon will be in the dock.
## Document Version Control

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