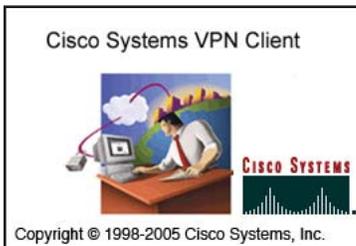




Cisco VPN Client Installation



The University of Alaska Anchorage (UAA) offers a free download of the Cisco VPN Client to all staff and faculty. The Information Technology Services (ITS) distributes the Cisco VPN Client on the Internet only.

This document will review the installation of the Cisco VPN Client software available from the ITS web site at

<http://technology.uaa.alaska.edu/computer/Software/downloads.cfm>.

A **Virtual Private Network (VPN)** uses several technologies with existing network hardware to create a secure connection to a private network. The Cisco VPN Client authenticates to a network device that permits access to a private network. Using the VPN will allow you to access resources that are only available on campus and the VPN technology will improve your security when using other networks.

An Internet connection with a valid UAA e-mail account are required for the download and use of the Cisco VPN Client software. The installation time depends on the Internet connection speed, the computer speed, and the amount of time to configure the software. Estimated installation time is 10 minutes.

Important! Prior to installing Cisco VPN Client you must be an administrator on the computer. Always backup your data before installing any software. Close all software before installing the Cisco VPN Client. Rebooting the computer is required to complete the installation. Prior to using the UAA VPN your account must be activated by ITS. You must contact ITS directly or contact your technical support for account activation and the required information for step 5c. The UAA VPN account activation requires 1 or 2 business days. If you're uncertain about being an administrator on the computer, review the technology article, *Installing Software*.

Cisco VPN Client requires one of the following computer configurations:

Microsoft® Windows® 2000 Professional
128 MB of RAM
50 MB of harddisk drive space

Microsoft® Windows® Tablet PC 2004/2005
256 MB of RAM
50 MB of hard disk drive space

Microsoft® Windows® XP
256 MB of RAM
50 MB of hard disk drive space

If the computer configuration is unknown, review the technology article, *Computer Identification*.

Step 1: Go to the Web site

a. Locate and open the program *Internet Explorer*.

Type the following Web site into the address field,

<http://technology.uaa.alaska.edu/computer/Software/downloads.cfm> and press **RETURN**.



b. Scroll down to the bottom of the ITS software Web site and click the link **VPN client for Windows 2000, XP, 2003**.

c. In the Security Alert dialog box, click **OK**.



Step 2: Login to the Web site

a. In the Connect to dialog box, authenticate with your e-mail address and password. For example, your username should look similar to *aychswt@uaa.alaska.edu*, click **OK**.



Step 3: Download the software

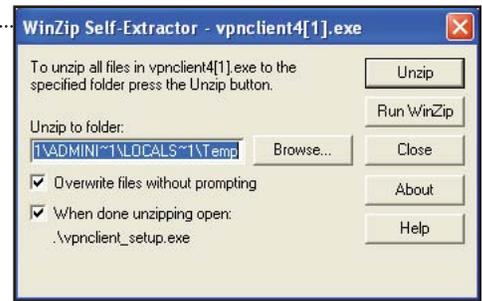
a. In the File Download - Security Warning dialog box, click **Run**.



b. In the Internet Explorer - Security Warning dialog box, click **Run**.



c. In the WinZip Self - Extractor dialog box, click **Unzip**.



d. In the WinZip Self - Extractor dialog box, click **OK**.

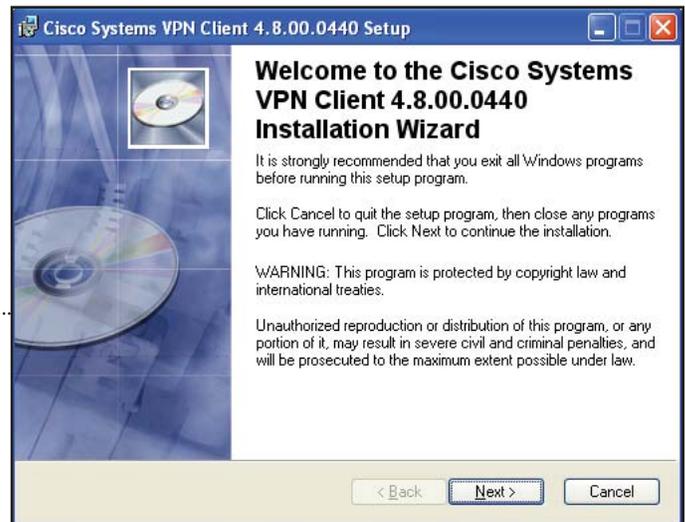


Step 4: Installation

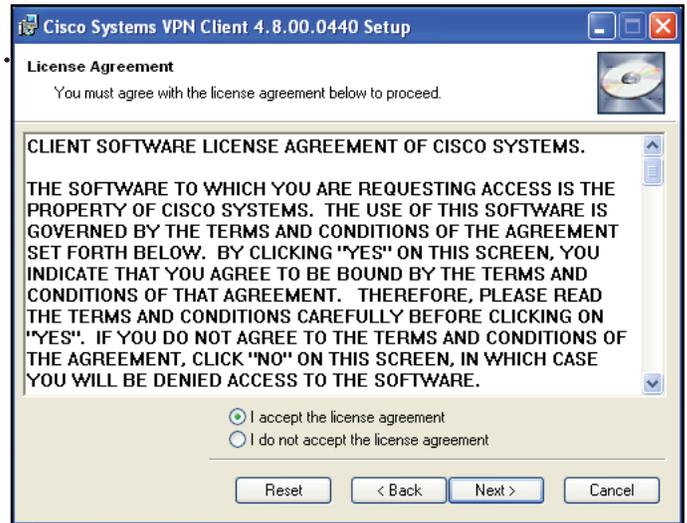
The Cisco VPN Client software will automatically open after downloading. This process may take 5 to 10 seconds.

There are a total of 5 installation screens in this wizard.

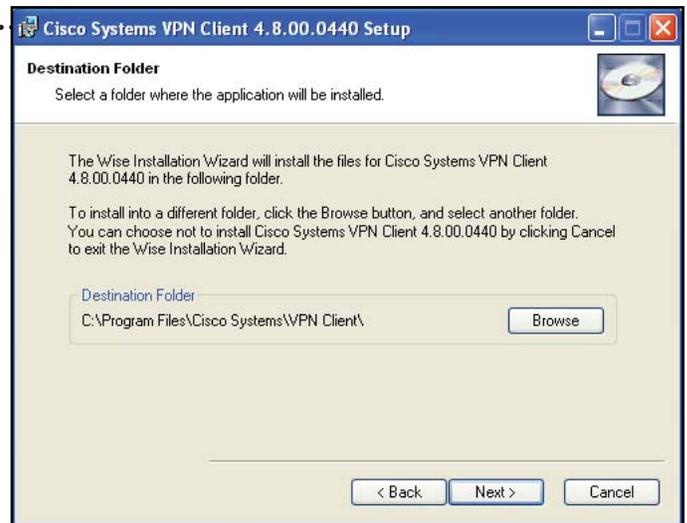
a. In the Cisco VPN Client Install Wizard dialog box, click **Next**.



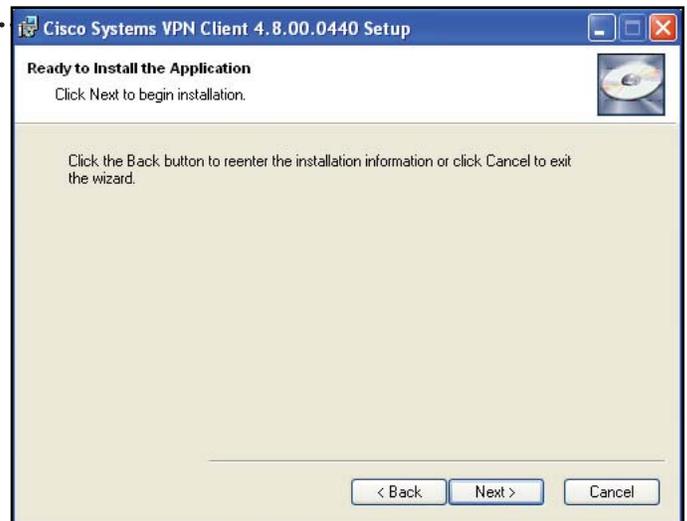
b. Accept the license agreement by clicking on the radio button, click **Next**.



c. There is no need to change the Destination Folder, click **Next**.

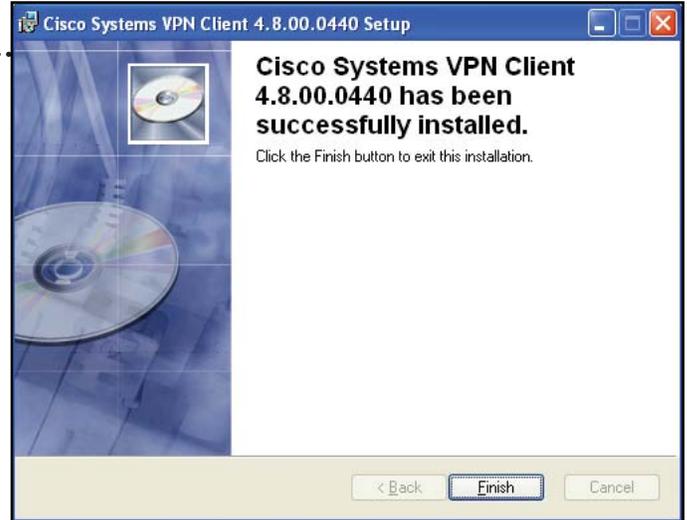


d. Ready to Install? Click **Next**.

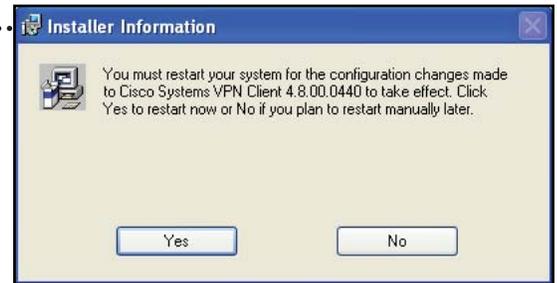


e. To exit the Cisco VPN Client Installation Wizard, click **Finish**.

The last page of the wizard displays some details of the software, the version of the software, and if the software was successfully installed.



f. The Cisco VPN Client requires a restart of the computer, click **Yes**.

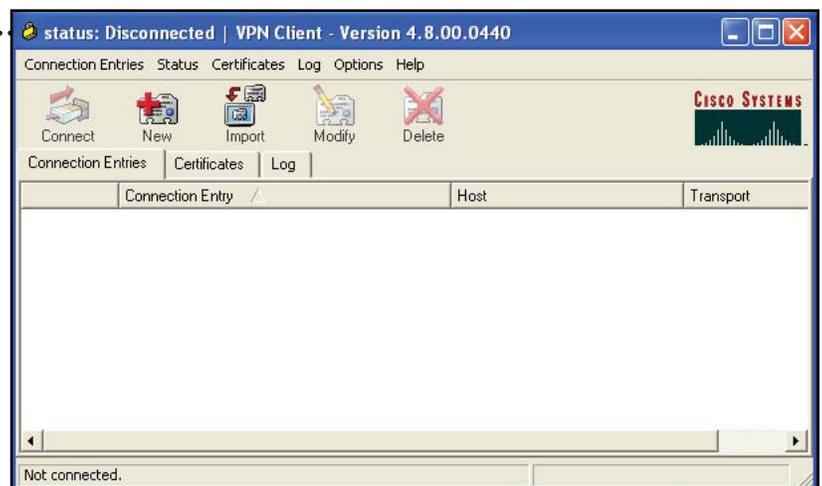


Step 5: Configuration

a. To open Cisco VPN Client software, click **Start**, click **All Programs**, click **Cisco Systems VPN Client**, and then click **VPN Client**.



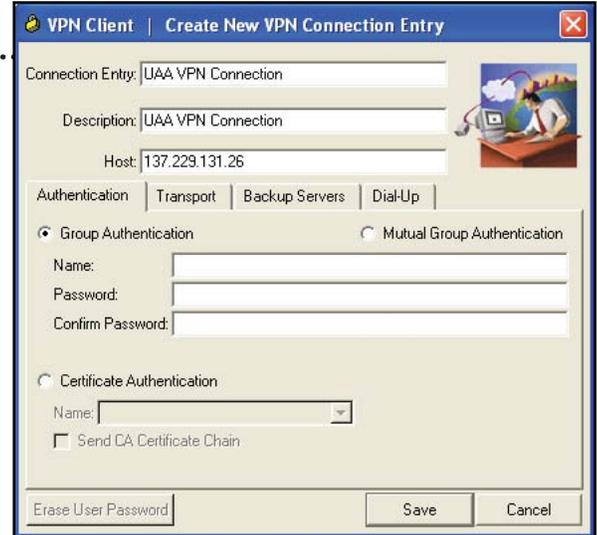
b. By default the Cisco VPN Client will be in Advanced Mode and will require a new connection entry, click **New**.



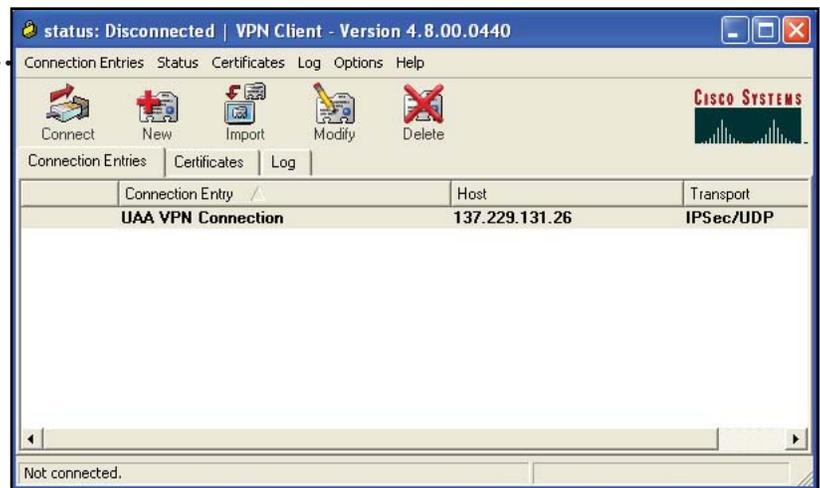
c. In the *Create New VPN Connection Entry* dialog box, **add the required information as shown.**

The information for the Authentication tab can't be shown for security reasons.

Please contact ITS directly or your technical support for the missing information.



d. To connect to the UAA VPN, click **Connect.**



e. In the VPN Client dialog box, **authenticate with your username and e-mail password.** For example, your username should look similar to *aychswt*. Type in your username and e-mail password, click **OK.**

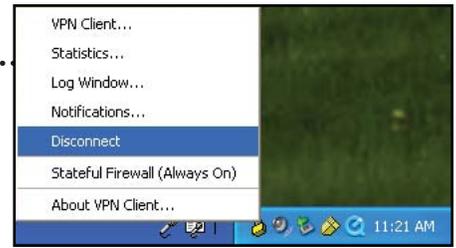
This authentication process is slightly different from the authentication earlier where your username was your complete e-mail address. **Enter your username only.**



A yellow lock appears in the Taskbar Notification Area after a successful authentication.



f. To disconnect from the UAA VPN, right click on the yellow lock in the *Taskbar Notification Area* and select **Disconnect**.



Step 6: Customize

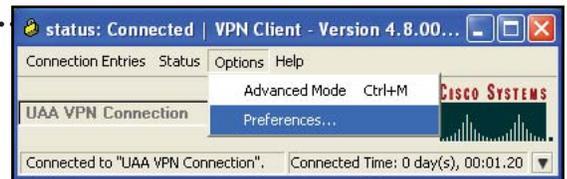
a. By default the Cisco VPN Client is in Advanced Mode. Click **Options Menu** and select **Simple Mode**.



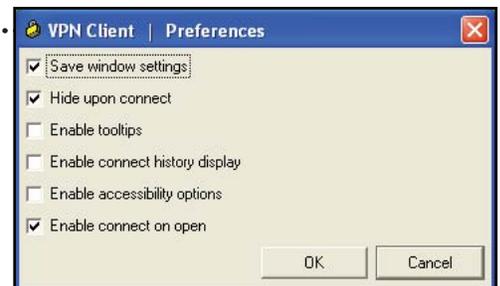
Cisco VPN Client in Simple Mode has a clean look.



b. The Cisco VPN Client by default does not automatically connect to the UAA VPN when opened. It is suggested to enable this preference. Click Options Menu and select Preferences. **This setting doesn't automatically authenticate.**



c. Click on the checkbox next to **Enable connect on open**, click **OK**.



Conclusion

The Cisco VPN Client is now installed on your computer. Use the UAA VPN to access on campus resources such as Banner, Finsys and UAA servers. Disconnect from the UAA VPN when access to those resources are no longer required. It is recommended that wireless laptop users use the UAA VPN while traveling to improve wireless security.

Would you like to know more about VPN technology? A list of book references can be found at the bottom of the page.

Ready to access all those files off campus? Review the technology article, *Connecting to File Servers*.

Please contact your technical support for assistance with the Cisco VPN Client.

Technical Support Contacts

University of Alaska Anchorage
Information Technology Services
Web site: <http://technology.uaa.alaska.edu>
Email: callcenter@uaa.alaska.edu
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Center for Human Development
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Email: ansed@uaa.alaska.edu
Phone: 907.264.6243

References

Strayer, W. T. & Yuan, R. (2001). *Virtual Private Networks: Technologies and Solutions*. Boston: Addison-Wesley.

Erwin, M., Scott, C. & Wolfe, P. (1999). *Virtual Private Networks* (2nd ed.). Sebastopol: O'Reilly.

Cisco Systems. (2006, July 20). Release Notes for VPN Client, Release 4.8. Retrieved November 15, 2006, from the World Wide Web: http://www.cisco.com/en/US/products/sw/secursw/ps2308/prod_release_note09186a00806eb4ed.html

VPN connection. Retrieved November 15, 2006, from the University of Alaska Anchorage, UAA Technology Web site: <http://technology.uaa.alaska.edu/kb/Computer/Network/VPN.cfm>