

GARDENS & MUSEUMS IT

University of Oxford VPN Service Cisco AnyConnect VPN Guide - Apple

Version 1.0 – April 2023



University of Oxford VPN Service & Cisco AnyConnect VPN – Introduction

There are various systems and services throughout the University of Oxford which have a dependency on the University’s Campus Network, examples being the CONNECT File Shares and Oracle R12. This means that these services and systems will only be accessible and function if your computer is connecting from an Internal Oxford IP address, essentially requiring you to be within Oxford for access to be obtained.

In the circumstances of those working from home, or other networks which do not give a University of Oxford IP Address there is a VPN (Virtual Private Network) Service which affords access.

The Oxford VPN Service has a dependency on using the Cisco AnyConnect VPN Client. This document outlines how to obtain and install the Cisco AnyConnect VPN Client on Apple Computers, and then how to configure to access the University, and finally how to use.

Obtaining & Installing the Cisco AnyConnect VPN Client

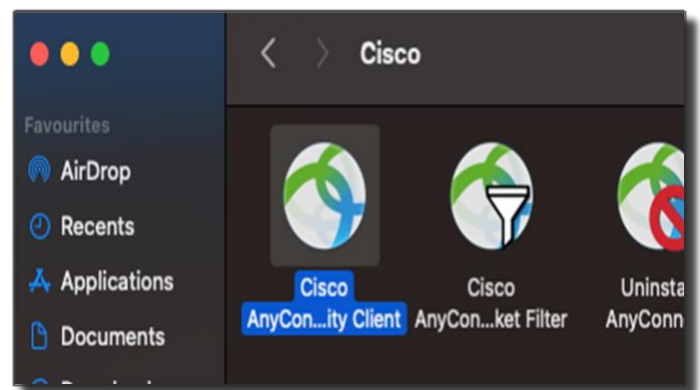
Within the Gardens & Museums there are two Apple use cases, those machines which are included in the Gardens & Museums IT Managed Apple Service (Jamf), and those which will be Self-Managed, such as a personal MacBook or iMac. Detailed below are the methods for installation on both.

Gardens & Museums IT Managed Apple Service

Already Installed – Applications Folder

The Cisco AnyConnect VPN Client has been automatically provisioned to your GMIT Managed Apple Computer and can be found in the ‘Applications’ folder in the folder labelled ‘Cisco’.

If you wish you can add to your dock by simply dragging the highlighted icon to your Dock.

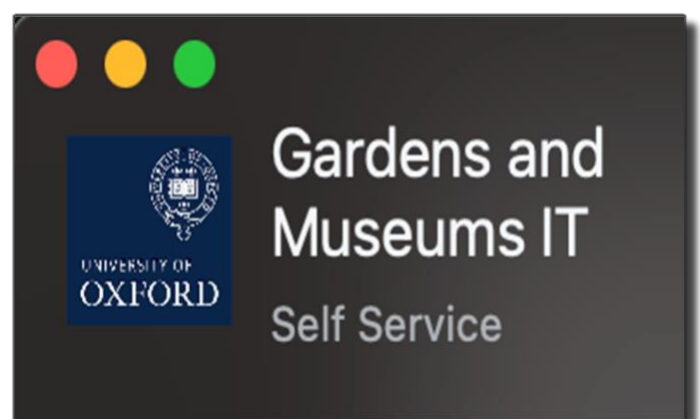


Not Installed – Self Service

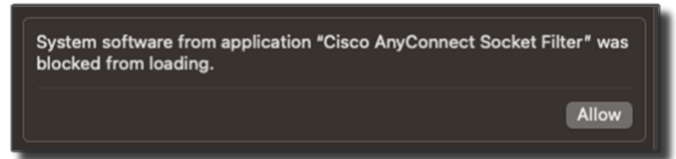
If you find that the Cisco AnyConnect Client is not in your Applications folder, it can be installed from ‘Self Service’.

‘Self Service’ can also be found in the Apple Applications folder.

Simply click on the Cisco AnyConnect Client Icon and follow the onscreen steps to install.



After installation if you see the below 'System software from application "Cisco AnyConnect Socket Filter" was blocked from loading", please select 'Allow'.

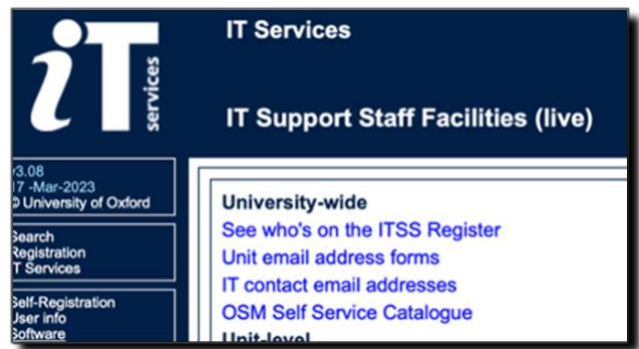


If you are asked to give administrative approval, please email it@museums.ox.ac.uk and we can assist with this.

Self-Managed Apple Computer

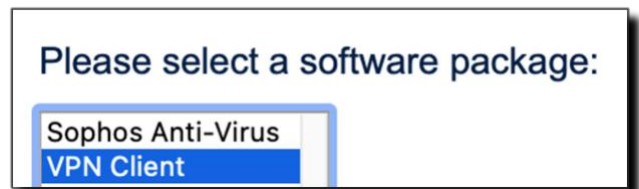
If you are using a Self-Managed machine the Cisco AnyConnect VPN Client can be downloaded from <https://register.it.ox.ac.uk>. You will need to use your SSO account to log in.

Once logged in you should see a page like the image below.



Please select 'Software' on the left.

On the following page select 'VPN Client'

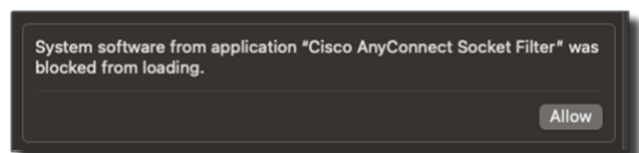


And then choose the macOS option AnyConnect VPN Client.



After this please follow the on-screen messages to install.

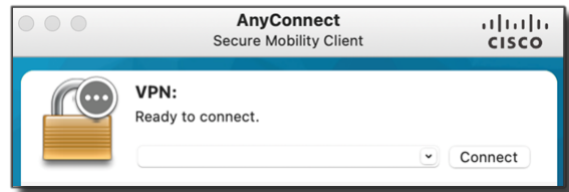
After installation if you see the below 'System software from application "Cisco AnyConnect Socket Filter" was blocked from loading, please select 'Allow'.



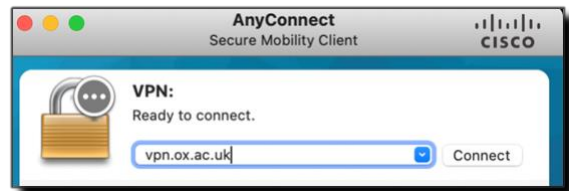
If you are asked to give administrative approval, please do so if you are the Administrator of this machine – if not, please contact the person who is for support.

Configuring the Cisco AnyConnect VPN Client

When you open the Cisco AnyConnect VPN Client for the first time, you will see the following screen.



In the box enter 'vpn.ox.ac.uk' as shown

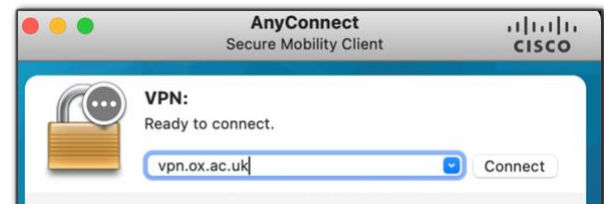


After this you can select 'Connect', and the VPN address (vpn.ox.ac.uk) will be stored for future use.

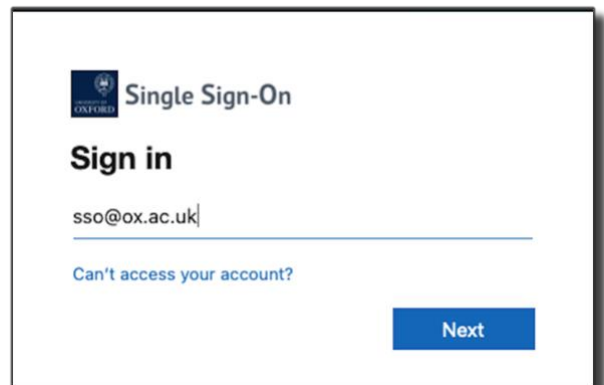
How to use Cisco AnyConnect VPN Client

The University of Oxford VPN Service has Single Sign On (SSO) and Multi-Factor Authentication (MFA) integration, so once you select Connect you will be prompted for your Single Sign On Username and Password followed by Multi-Factor Authentication Approval. This process is shown below.

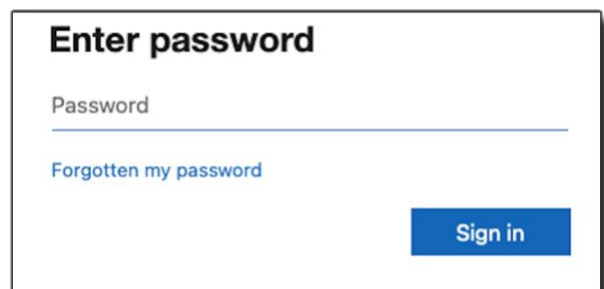
Select 'Connect'



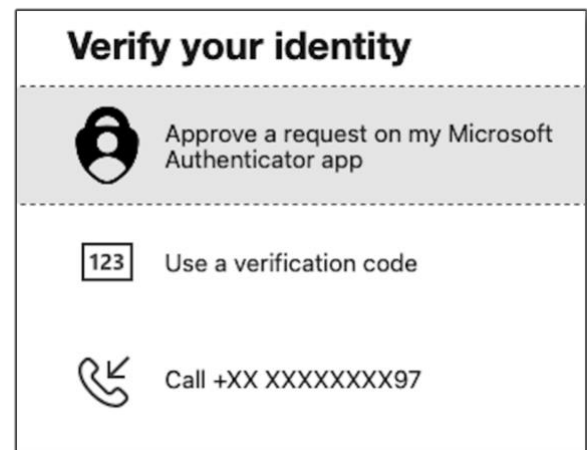
Enter your Single Sign On (SSO) Username



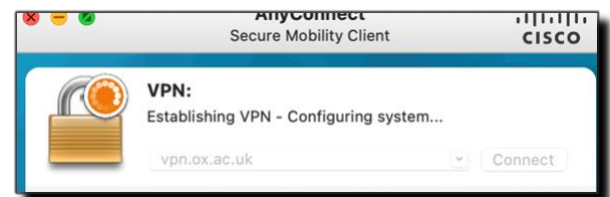
And password and then select 'Sign In'



Finally approve access via your selected Multi-Factor Authentication (MFA) method



Once complete the VPN will begin connecting stating '**Establishing VPN**'.



Once connected the Cisco AnyConnect VPN Application will show a lock to signal it has successfully connected.

When you are ready to disconnect from the VPN, please select the application again and choose '**Disconnect**'.

