Cisco AnyConnect for macOS 11 (Big Sur) And Newer InstallGuide

Starting with macOS 11 (and later) users will need to install the newer AnyConnect version 4.9.0X.xxx. This version is not backwards compatible with any macOS that is older than macOS 11.

Installation

Download the latest install package from: https://www.umaryland.edu/cits/service-catalog/vpn/

Go through the prompts.
Only select **VPN** from the list and hit the continue button.

Once the install is complete proceed to the next steps on Approving the AnyConnect System Extension.
Approving the AnyConnect System Extension

macOS 11 requires end user before system extensions are allowed to run. Two approvals are required for the AnyConnect system extension:

1. Approve the system extension loading/activation.
2. Approve the extension’s content filter component activation.

Extension Approval by EndUser

The AnyConnect system extension and its content filter component can be approved by end user, by following either the OS prompting, or the more explicit AnyConnect Notification app’s instructions.

Extension blocked - OS prompt
Extension blocked - AnyConnect prompt

After opening the Security & Privacy Preferences window, click the bottom-left lock and provide the requested credentials, as prompted, to unlock it and allow change.

The window’s appearance depends on whether the AnyConnect extension is the only one requiring approval. If that’s the case, simply click the Allow button.
Otherwise click the Details… button, then select the "Cisco AnyConnect Socket Filter" check box and click OK.

AnyConnect extension approval (multiple unapproved extensions)

Shortly after approving the AnyConnect extension, the user is shown another popup, this time for approving the extension’s content filter component.

AnyConnect extension's content filter approval
After the extension’s content filter approval is complete, the extension and its components should be active, as confirmed by the AnyConnect Notification

AnyConnect extension approval confirmation