

After exhaustive methods, I was unable to get things running on my Mac. Throughout this project, I attempted multiple methods to run and test the required .NET/WCF services on my Intel-based macOS system.

- First, I tried running the Windows version of the Cisco AnyConnect client inside a Windows 10 VMware Fusion virtual machine, but the VM was unable to obtain a valid network adapter configuration, preventing internet access and blocking the VPN login flow.
- I also attempted repairing VMware Tools, reinstalling network drivers, switching between NAT, Bridged, and Private network modes, and manually enabling adapters inside Windows, but the VM still could not reach external networks.
- Next, I attempted running Cisco directly on macOS, which successfully connected, but WCF services cannot be hosted or executed natively on macOS. I then tried installing Microsoft Edge WebView2 and other runtime components manually inside the VM to enable WCF hosting from within Windows, but those installers also failed due to the networking issue.
- I explored using Apporto, but its environment blocks all VPN connections, preventing service testing.
- Finally, I attempted to configure Rider on macOS to run the service locally, but Rider cannot host classic .NET Framework WebForms/WCF .svc applications on macOS. After exhausting these options, I was unable to create a functioning Windows environment to host and test the service.