

VPN – iOS/macOS with M processors

VPN is short for **V**irtual **P**rivate **N**etwork and helps create a secure and encrypted connection via the public internet. A condition for setting up such a connection is an existing internet connection. Furthermore, the protocol should not be blocked by the local provider.

In addition to the encryption, the client is allocated an IP-address from the address range of the University of Bonn once a VPN connection is established. Thereby, you gain access to services that are otherwise restricted to University computers.

A VPN connection can only be created after successful **authentication** with the **Uni-ID of the University of Bonn**.

This VPN connection is necessary in the following cases:

- using the BONNET WiFi at the University of Bonn
- using the majority of literature databases and electronic journals (eMedia) from home or otherwise
- working from home

Please note that a service might be restricted further and that a VPN is not always sufficient for access.

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Setting up the VPN:

To set up the VPN access, download and install the client. Depending on the connection you want, enter one of the following addresses into the client.

- **external** connections from home:
unibn-vpn.uni-bonn.de
- **internal** connections from within the university network:
unibn-wlan.uni-bonn.de

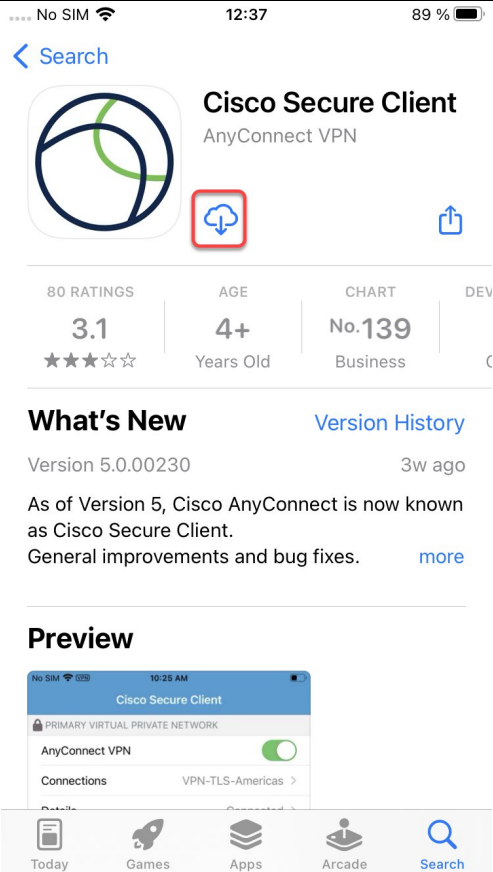
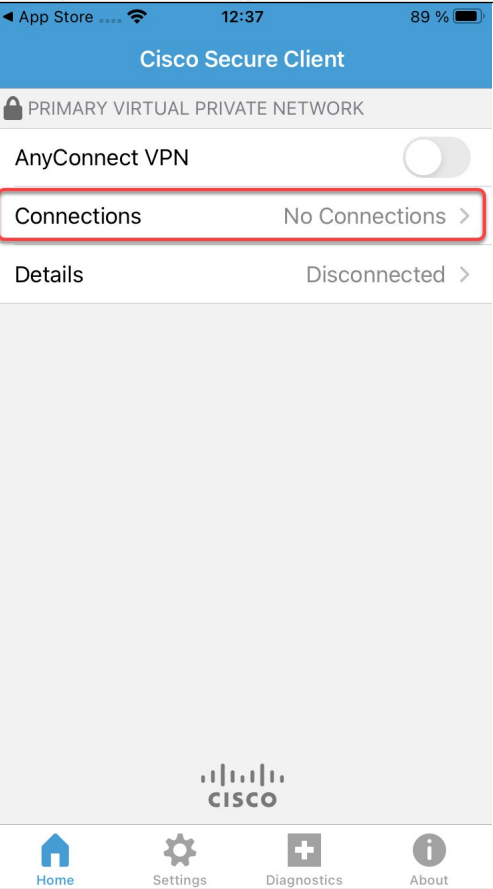
Attention! These are server addresses and not website links. Thus, they have to be entered into the **address bar of the VPN client** and not into the browser.

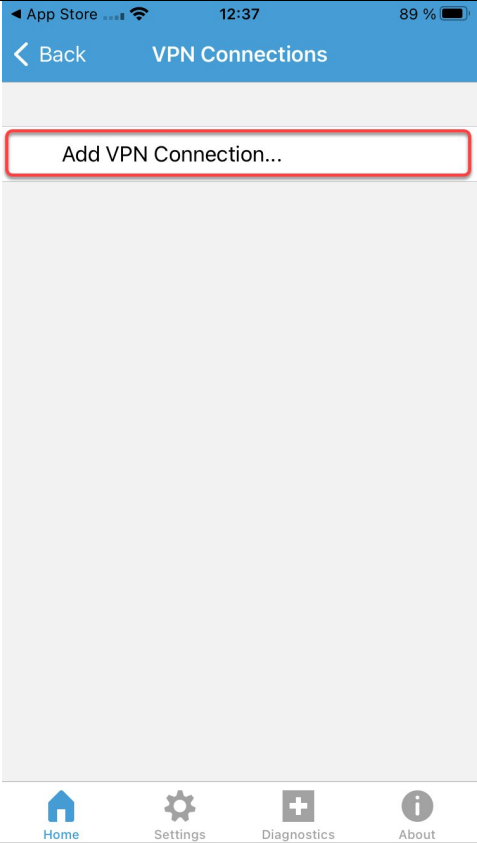
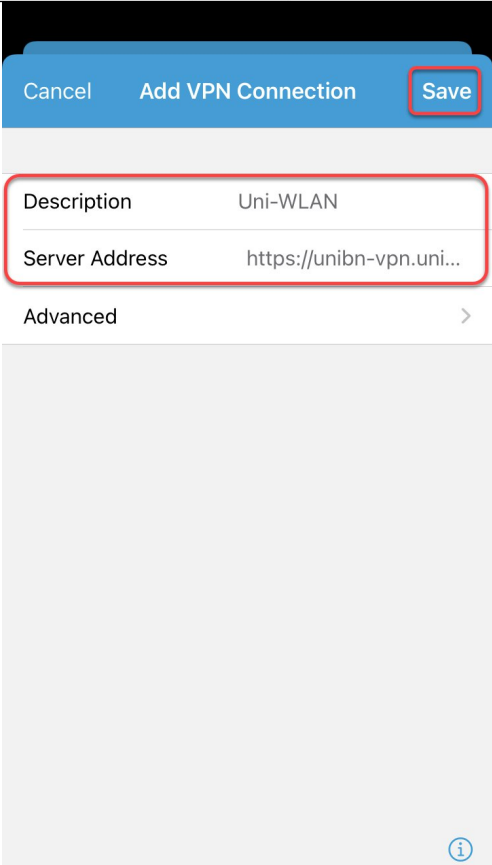
Downloading and installing the VPN client:

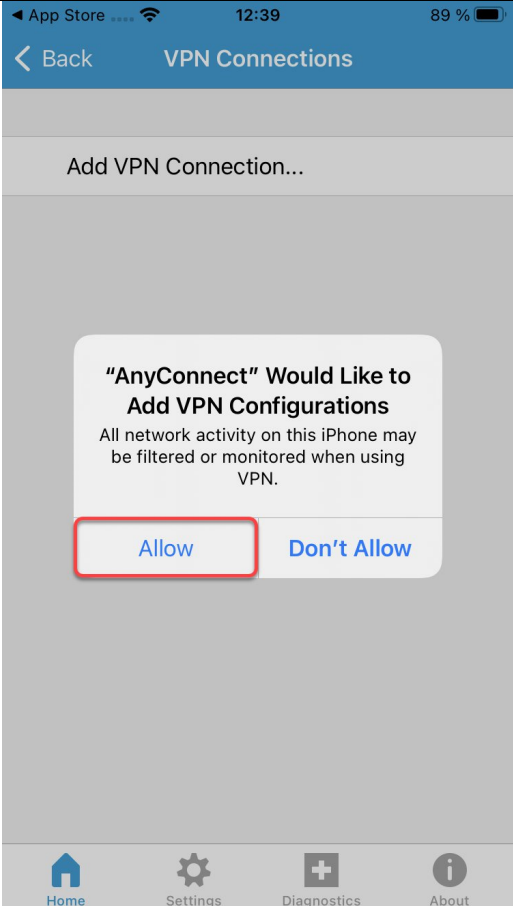
Prerequisites

- A valid Uni-ID of the University of Bonn
- A stable internet connection

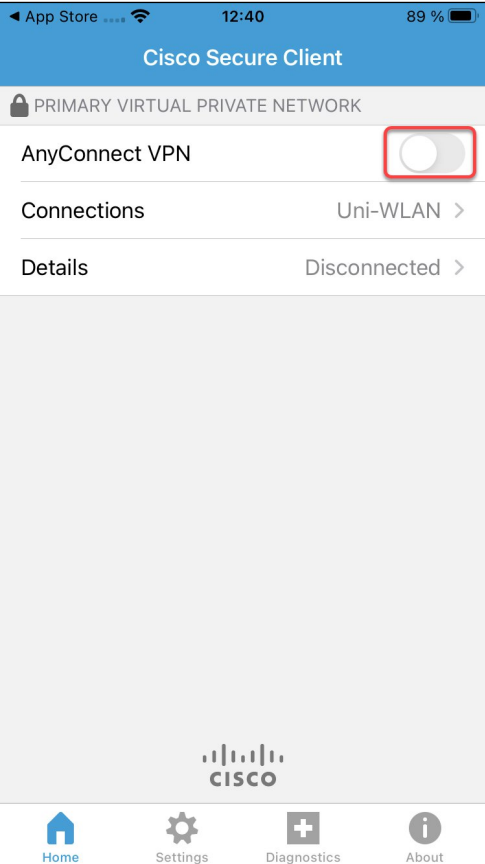
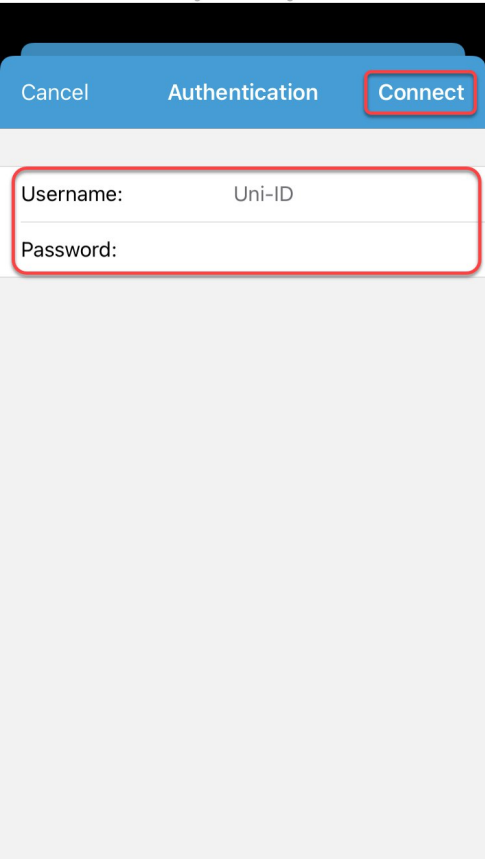
1	Please download and install the Cisco Secure Client from the Apple App Store. You can find the app via the search function or directly by scanning the adjacent QR code with the camera.	
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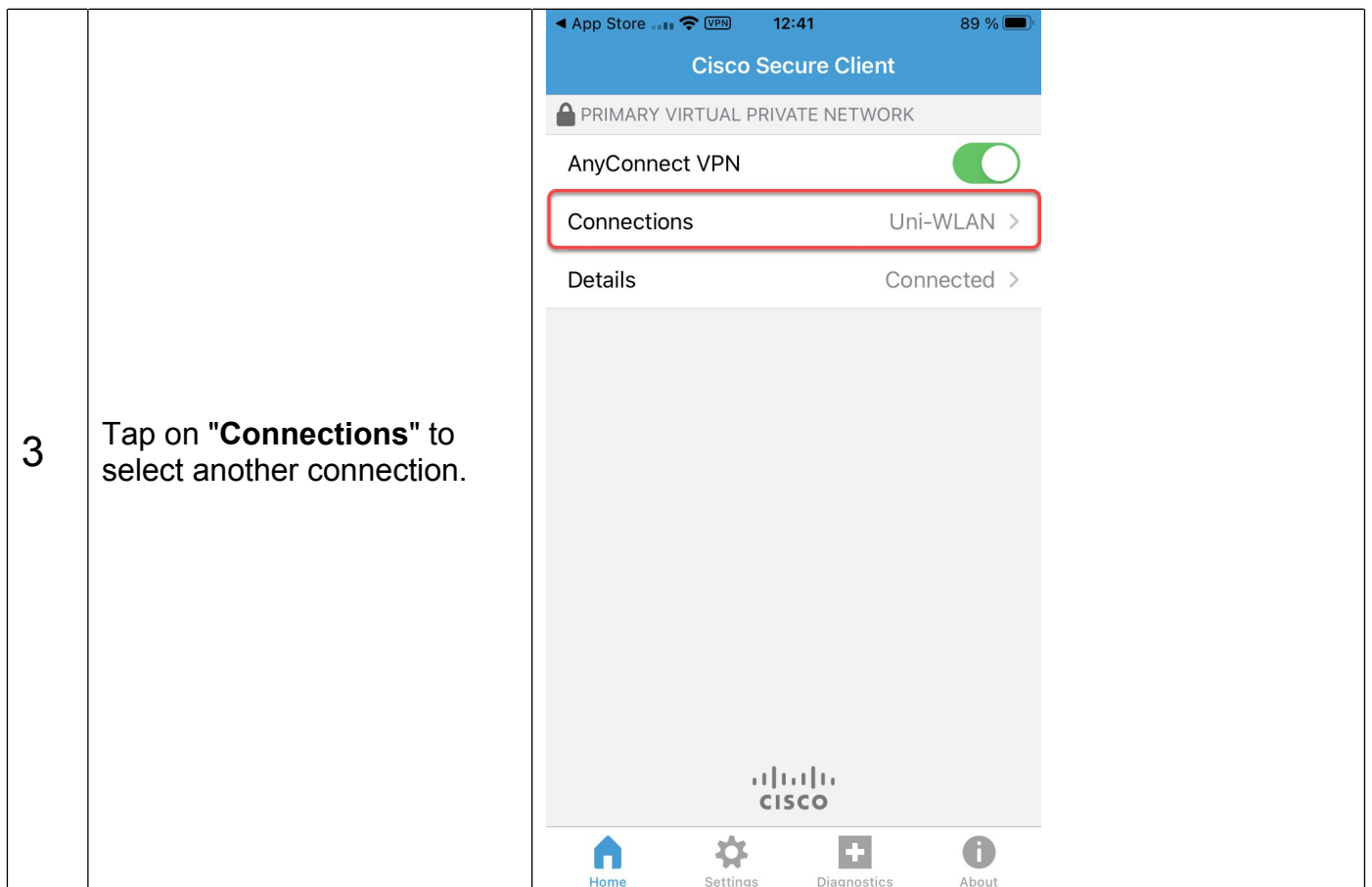
2	Tap an "Get -> Install" and then on "Open" to start the app.	
3	Tap on "Connections" .	

4	Select " Add VPN Connection ".	
5	<p>Please enter the following: Description: freely selectable (Uni-WLAN was selected here) Server address: unibn-vpn.uni-bonn.de (if you are in the Bonnet area, please enter unibn-wlan.uni-bonn.de). Please confirm the entries with "Save".</p>	

6	Confirm the question with " Allow " and then with your access code, Touch or Face ID.	
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Establishing a VPN connection

1	<p>To establish a VPN connection, please activate the item "AnyConnect-VPN" with the slider..</p>	 <p>The screenshot shows the Cisco Secure Client app interface. At the top, the status bar displays 'App Store', signal strength, time '12:40', and battery '89 %'. The app title 'Cisco Secure Client' is in a blue header. Below it, a grey bar reads 'PRIMARY VIRTUAL PRIVATE NETWORK'. The 'AnyConnect VPN' toggle switch is turned on and is highlighted with a red rectangle. Below this are sections for 'Connections' (showing 'Uni-WLAN >') and 'Details' (showing 'Disconnected >'). The bottom of the screen features a navigation bar with icons for Home, Settings, Diagnostics, and About.</p>
2	<p>For the user name, enter your Uni-ID (without "@uni-bonn.de") and your password. A VPN connection is now established by tapping on "Connect".</p>	 <p>The screenshot shows the 'Authentication' screen of the Cisco Secure Client app. At the top, there are three buttons: 'Cancel', 'Authentication', and 'Connect', with 'Connect' highlighted by a red rectangle. Below the buttons are two input fields: 'Username:' with 'Uni-ID' entered, and 'Password:'. The bottom of the screen is a solid grey area.</p>



Further notice:

To use the VPN client within the university network (BONNET), the following server address has to be entered after starting the VPN client: **unibn-wlan.uni-bonn.de**

After installing both connections they can be immediately selected after starting the VPN client.