

VPN – iOS/macOS with M processors

VPN is short for **Virtual Private Network** 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

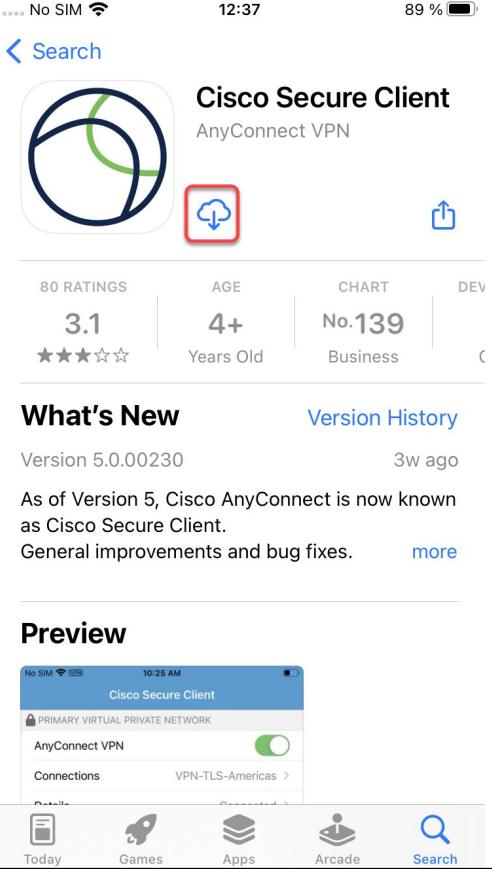
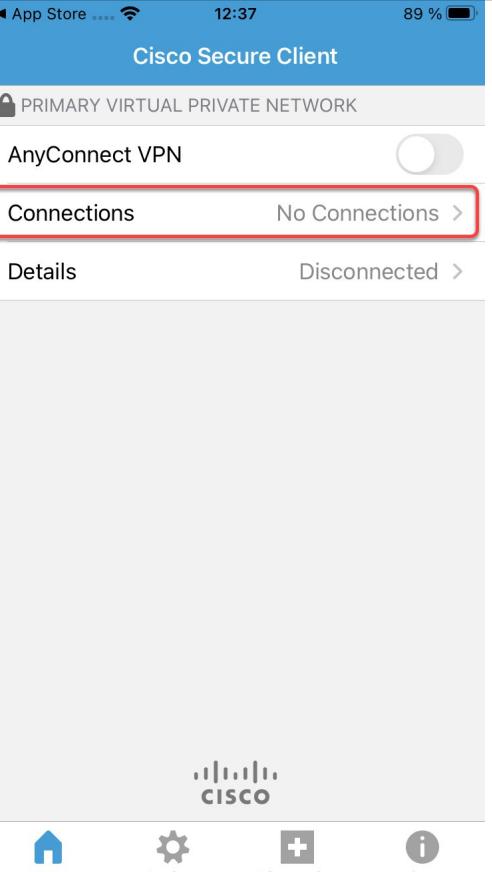
Attention! These are server addresses and not website links. Thus, they have to be entered into the **address bar of the VPN client** and not into the browser.

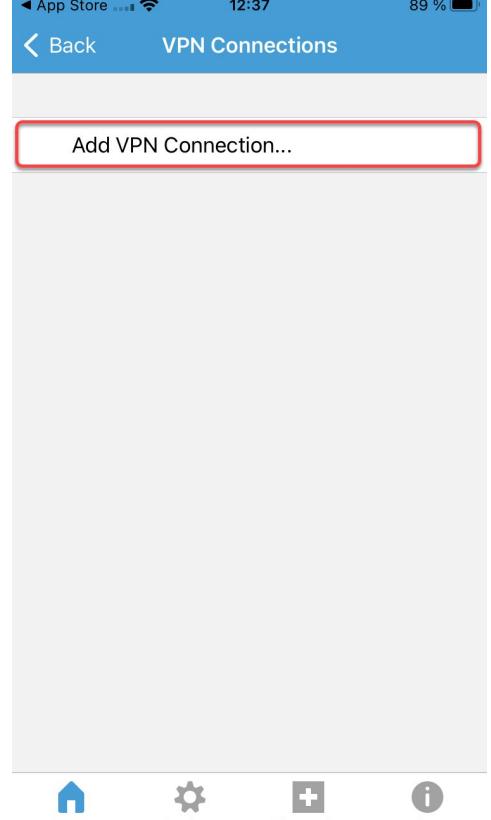
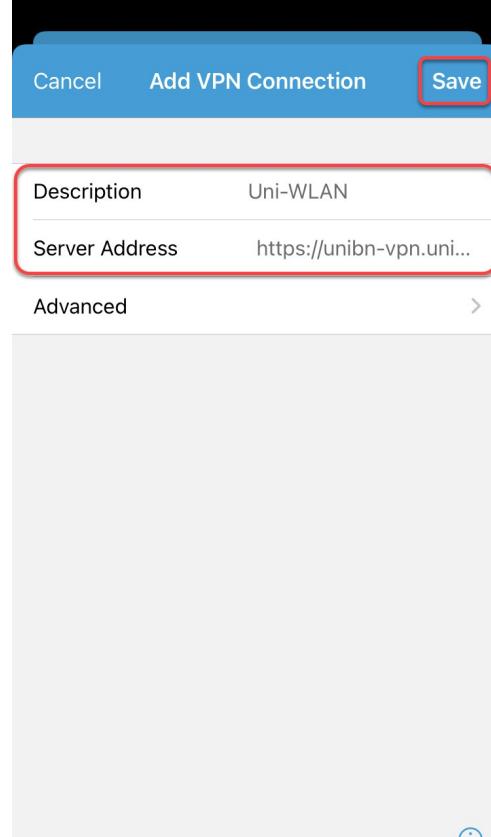
Downloading and installing the VPN client:

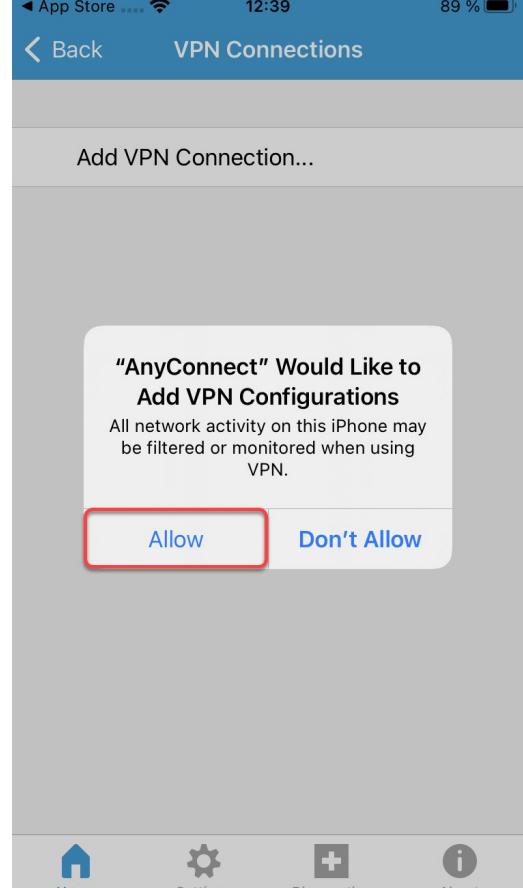
Prerequisites

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

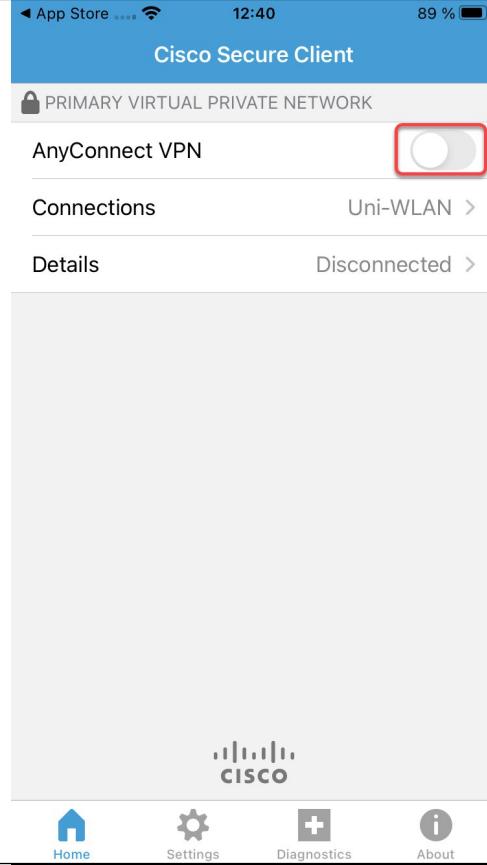
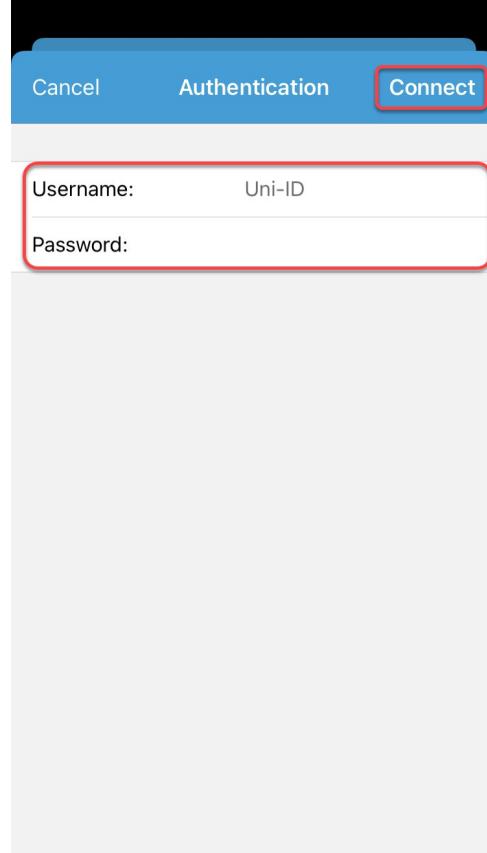
1	Please download and install the Cisco Secure Client from the Apple App Store. You can find the app via the search function or directly by scanning the adjacent QR code with the camera.	
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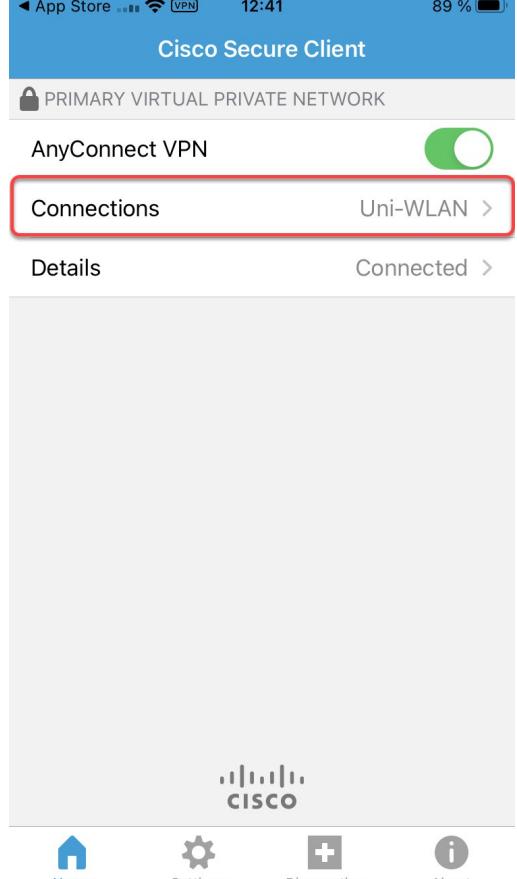
	<p>2</p> <p>Tap an "Get -> Install" and then on "Open" to start the app.</p>	 <p>No SIM 12:37 89 %</p> <p>Search < Cisco Secure Client</p> <p>AnyConnect VPN</p> <p>80 RATINGS 3.1 ★★★☆☆ AGE 4+ Years Old CHART No.139 Business DEV</p> <p>What's New Version History</p> <p>Version 5.0.00230 3w ago</p> <p>As of Version 5, Cisco AnyConnect is now known as Cisco Secure Client. General improvements and bug fixes. more</p> <p>Preview</p> <p>10:25 AM Cisco Secure Client</p> <p>PRIMARY VIRTUAL PRIVATE NETWORK</p> <p>AnyConnect VPN <input checked="" type="checkbox"/></p> <p>Connections VPN-TLS-Americas ></p> <p>Today Games Apps Arcade Search</p>
	<p>3</p> <p>Tap on "Connections".</p>	 <p>App Store 12:37 89 %</p> <p>Cisco Secure Client</p> <p>PRIMARY VIRTUAL PRIVATE NETWORK</p> <p>AnyConnect VPN <input type="checkbox"/></p> <p>Connections No Connections > </p> <p>Details Disconnected ></p> <p>CISCO</p> <p>Home Settings Diagnostics About</p>

4	Select "Add VPN Connection".	 <p>The screenshot shows the 'VPN Connections' screen with a blue header. The 'Add VPN Connection...' button is highlighted with a red box. Below the header are four icons: Home (blue), Settings (grey), Diagnostics (grey), and About (grey). The main area is empty.</p>
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>	 <p>The screenshot shows the 'Add VPN Connection' dialog with a blue header. The 'Save' button is highlighted with a red box. Below the header are two fields: 'Description' (Uni-WLAN) and 'Server Address' (https://unibn-vpn.uni...). There is also an 'Advanced' button with a right arrow. The bottom right corner has a blue info icon.</p>

6	<p>Confirm the question with "Allow" and then with your access code, Touch or Face ID.</p>	 <p>VPN Connections</p> <p>Add VPN Connection...</p> <p>"AnyConnect" Would Like to Add VPN Configurations</p> <p>All network activity on this iPhone may be filtered or monitored when using VPN.</p> <p>Allow Don't Allow</p> <p>Home Settings Diagnostics About</p>
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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>	 A screenshot of the Cisco Secure Client app on an iPhone. The screen shows a blue header with the app name. Below it is a section for "PRIMARY VIRTUAL PRIVATE NETWORK" with a lock icon. A toggle switch for "AnyConnect VPN" is shown, with a red box highlighting the switch itself. Below this are "Connections" and "Details" sections, both showing "Uni-WLAN" and "Disconnected". At the bottom are navigation icons for Home, Settings, Diagnostics, and About.
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>	 A screenshot of the Cisco Secure Client app on an iPhone. The screen shows a blue header with the app name. Below it is a section for "PRIMARY VIRTUAL PRIVATE NETWORK" with a lock icon. A toggle switch for "AnyConnect VPN" is shown, with a red box highlighting the switch itself. Below this are "Connections" and "Details" sections, both showing "Uni-WLAN" and "Disconnected". At the bottom are navigation icons for Home, Settings, Diagnostics, and About.

3	<p>Tap on "Connections" to select another connection.</p>	
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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.