

VPN - Android

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

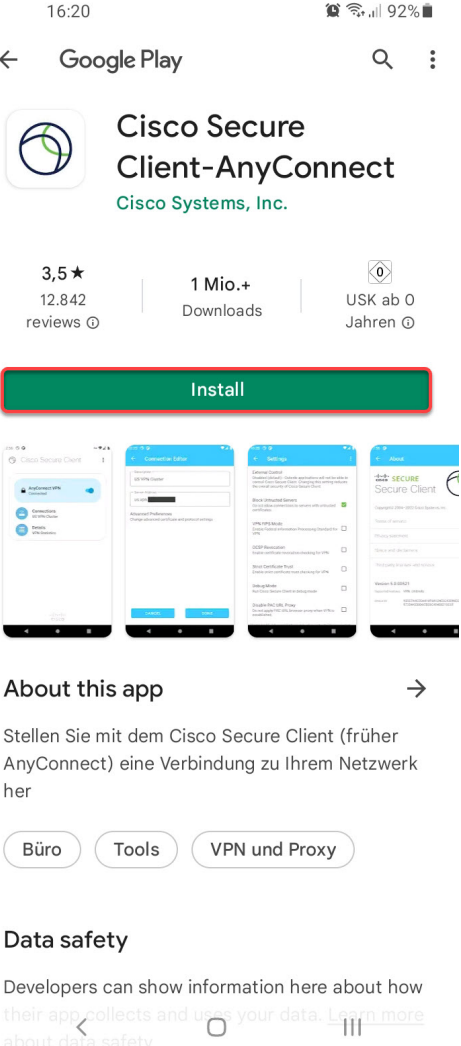
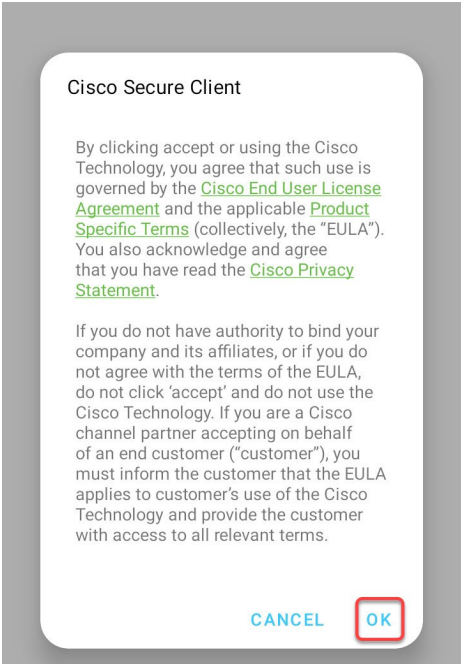
Attention! These are server addresses and not website links. Thus, they have to be entered into the **address bar of the VPN client** and not into the browser.

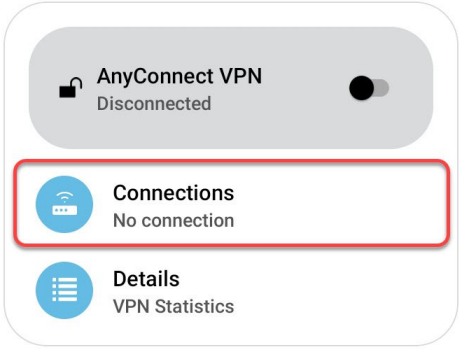
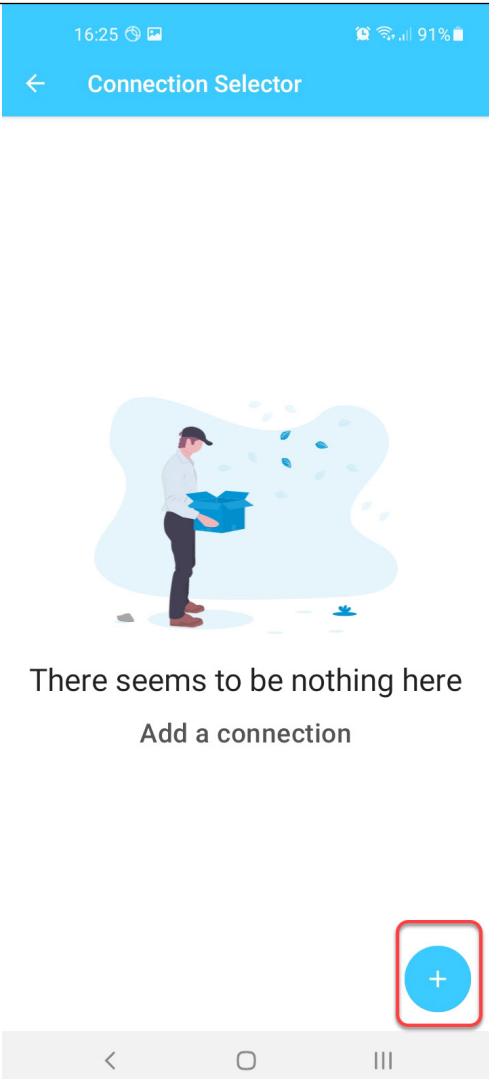
Downloading and installing the VPN client

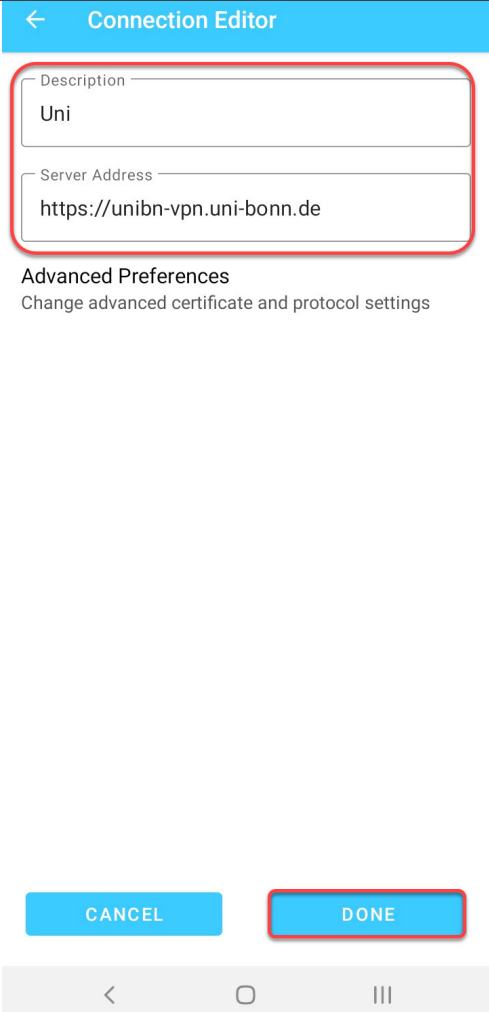
Prerequisites

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

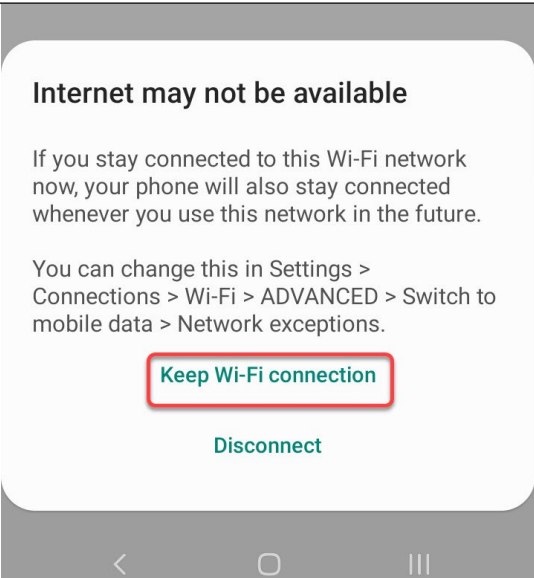
1	<p>Please download and install the Cisco Secure Client (formerly AnyConnect) from the Google Play Store.</p> <p>You can find the app via the search function or by scanning the QR code to the right.</p>	 <p>https://play.google.com/store/apps/details?id=com.cisco.anyconnect.vpn.android.avf&hl=de</p>
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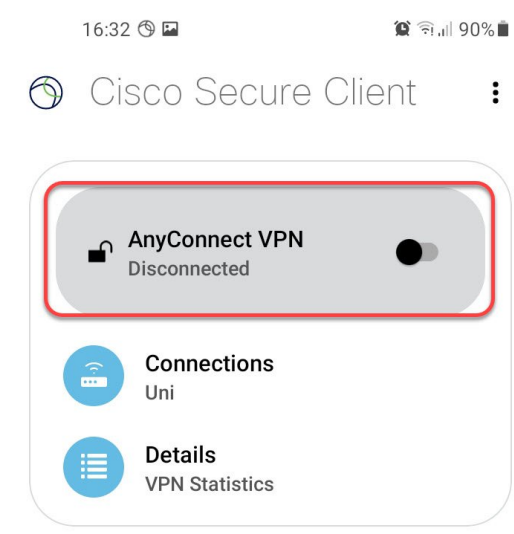
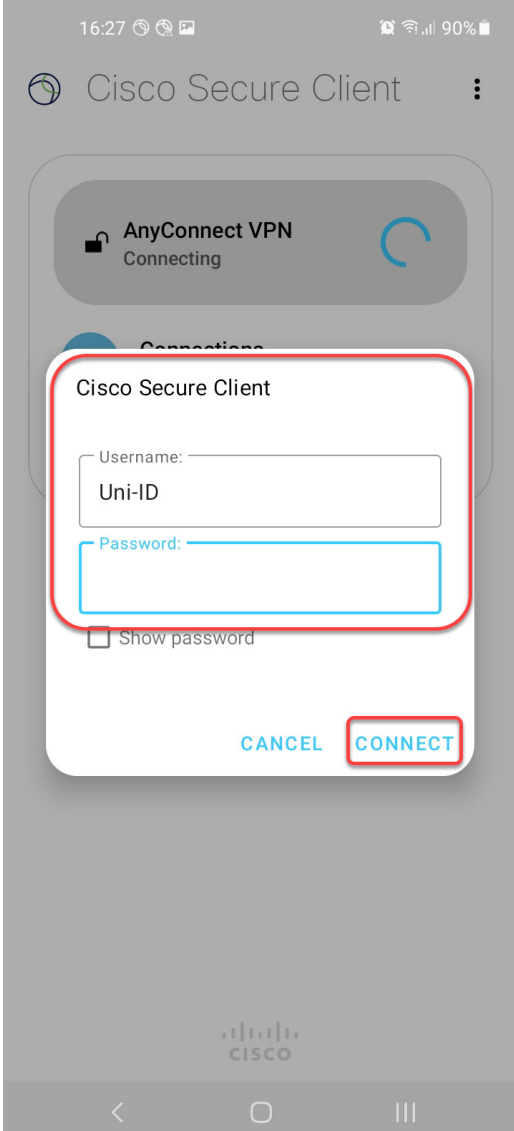
<p>2</p>	<p>Select “Install”.</p>	 <p>16:20 92% Google Play Cisco Secure Client-AnyConnect Cisco Systems, Inc. 3,5★ 12.842 reviews 1 Mio.+ Downloads USK ab 0 Jahren Install About this app Stellen Sie mit dem Cisco Secure Client (früher AnyConnect) eine Verbindung zu Ihrem Netzwerk her Büro Tools VPN und Proxy Data safety</p>
<p>3</p>	<p>After downloading open the app and confirm the “End User License Agreement” with “OK”.</p>	 <p>Cisco Secure Client By clicking accept or using the Cisco Technology, you agree that such use is governed by the Cisco End User License Agreement and the applicable Product Specific Terms (collectively, the “EULA”). You also acknowledge and agree that you have read the Cisco Privacy Statement. If you do not have authority to bind your company and its affiliates, or if you do not agree with the terms of the EULA, do not click ‘accept’ and do not use the Cisco Technology. If you are a Cisco channel partner accepting on behalf of an end customer (“customer”), you must inform the customer that the EULA applies to customer’s use of the Cisco Technology and provide the customer with access to all relevant terms. CANCEL OK</p>

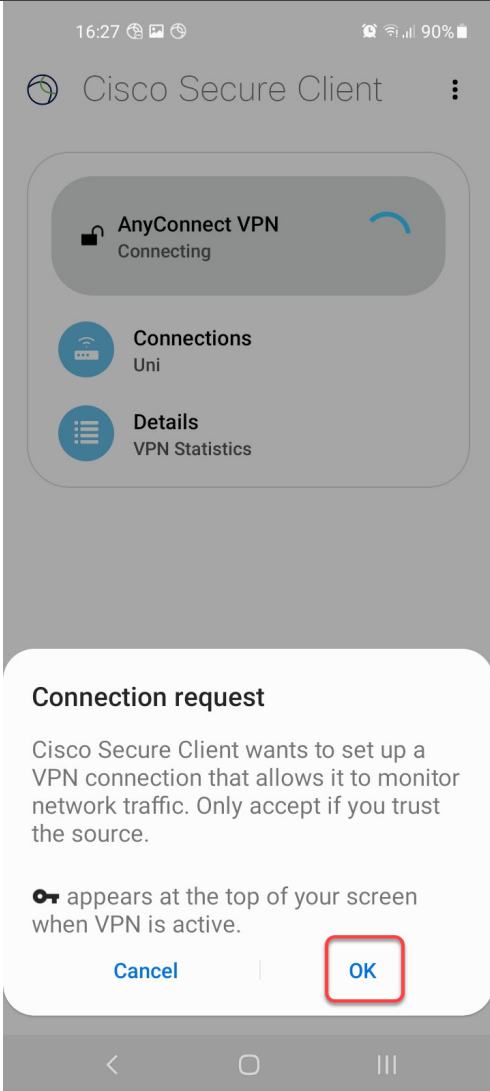
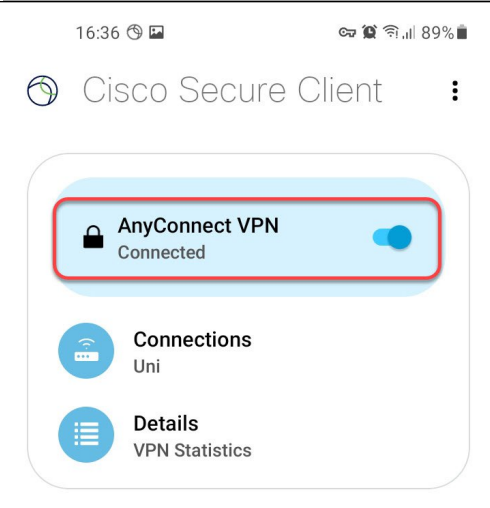
<p>4</p>	<p>Tap on “Connections”.</p>	 <p>The screenshot shows the Cisco Secure Client interface. At the top, the status bar displays the time 16:25, signal strength, Wi-Fi, and 91% battery. Below the title 'Cisco Secure Client', there is a toggle for 'AnyConnect VPN' which is currently 'Disconnected'. A red rectangular box highlights the 'Connections' menu item, which shows 'No connection'. Below it is the 'Details' menu item with 'VPN Statistics'.</p>
<p>5</p>	<p>Tap on the ”+”-symbol.</p>	 <p>The screenshot shows the 'Connection Selector' screen. The title bar is blue with a back arrow and the text 'Connection Selector'. The main content area features an illustration of a person holding a blue box, with the text 'There seems to be nothing here' and 'Add a connection' below it. At the bottom right, a blue circular button with a white '+' symbol is highlighted with a red box. The Android navigation bar is visible at the very bottom.</p>

<p>6</p>	<p>Please enter the following:</p> <p>Description: of your choice (here 'Uni' was chosen) Server address: unibn-vpn.uni-bonn.de (if you are in the Bonnet area, please enter unibn-wlan.uni-bonn.de).</p> <p>Confirm your inputs with "Done".</p>	 <p>← Connection Editor</p> <p>Description Uni</p> <p>Server Address https://unibn-vpn.uni-bonn.de</p> <p>Advanced Preferences Change advanced certificate and protocol settings</p> <p>CANCEL DONE</p>
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Using the VPN client

<p>1</p>	<p>This step is only relevant if you want to connect with internally/using the university network:</p> <p>Connect to the bonnet (Settings -> WiFi -> bonnet -> Connect). Take notice of the system notice "Internet potentially not available and click on "Keep WiFi connection".</p>	 <p>Internet may not be available</p> <p>If you stay connected to this Wi-Fi network now, your phone will also stay connected whenever you use this network in the future.</p> <p>You can change this in Settings > Connections > Wi-Fi > ADVANCED > Switch to mobile data > Network exceptions.</p> <p>Keep Wi-Fi connection</p> <p>Disconnect</p>
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<p>2</p>	<p>Open the Cisco Secure Client App and click on “AnyConnect VPN”.</p>	 <p>The screenshot shows the Cisco Secure Client app interface. At the top, the status is 'AnyConnect VPN Disconnected'. A red box highlights this status card. Below it are 'Connections Uni' and 'Details VPN Statistics' options.</p>
<p>3</p>	<p>As your user name enter your Uni-ID (without “@uni-bonn.de) and your password. Confirm your input with “Connect”.</p>	 <p>The screenshot shows the Cisco Secure Client app with a login dialog box open. The dialog has fields for 'Username:' (containing 'Uni-ID') and 'Password:'. A red box highlights the entire dialog box. At the bottom right of the dialog is a red-outlined 'CONNECT' button. The background app interface is dimmed.</p>

<p>4</p>	<p>Confirm the notification with “OK” to establish a VPN connection.</p>	 <p>The screenshot shows the Cisco Secure Client app interface. At the top, the status bar displays the time 16:27, signal strength, Wi-Fi, and 90% battery. The app title 'Cisco Secure Client' is visible. Below the title, there is a section for 'AnyConnect VPN' with a 'Connecting' status and a progress indicator. Underneath, there are two menu items: 'Connections' (with a sub-item 'Uni') and 'Details' (with a sub-item 'VPN Statistics'). A white dialog box titled 'Connection request' is overlaid on the screen. It contains the text: 'Cisco Secure Client wants to set up a VPN connection that allows it to monitor network traffic. Only accept if you trust the source.' Below this text, it says: '🔑 appears at the top of your screen when VPN is active.' At the bottom of the dialog, there are two buttons: 'Cancel' and 'OK'. The 'OK' button is highlighted with a red rectangular box.</p>
<p>5</p>	<p>Thereby, the connection to the VPN server of the University of Bonn is established. To sever the connection click again “AnyConnect VPN”.</p>	 <p>The screenshot shows the Cisco Secure Client app interface. At the top, the status bar displays the time 16:36, signal strength, Wi-Fi, and 89% battery. The app title 'Cisco Secure Client' is visible. Below the title, there is a section for 'AnyConnect VPN' with a 'Connected' status and a blue toggle switch. Underneath, there are two menu items: 'Connections' (with a sub-item 'Uni') and 'Details' (with a sub-item 'VPN Statistics'). The 'AnyConnect VPN' section is highlighted with a red rectangular box.</p>

Further notice:

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