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

Content of this manual:

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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:
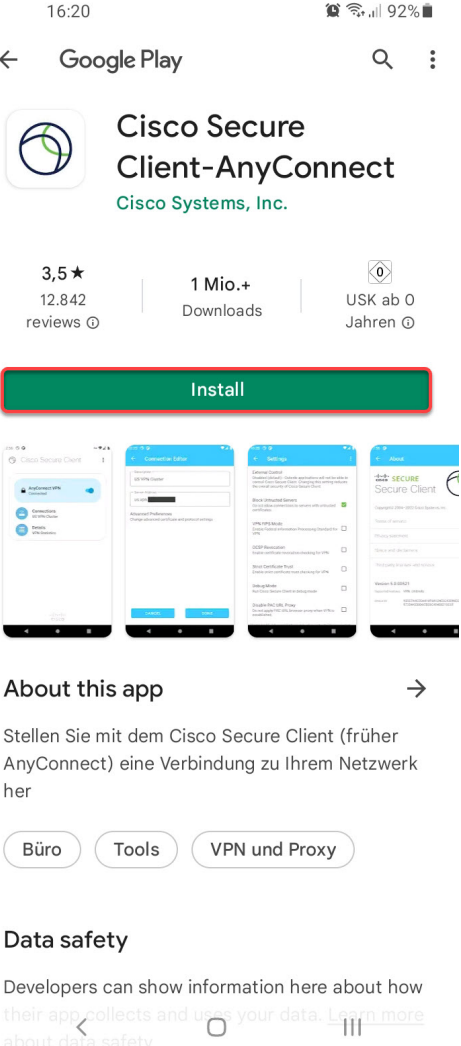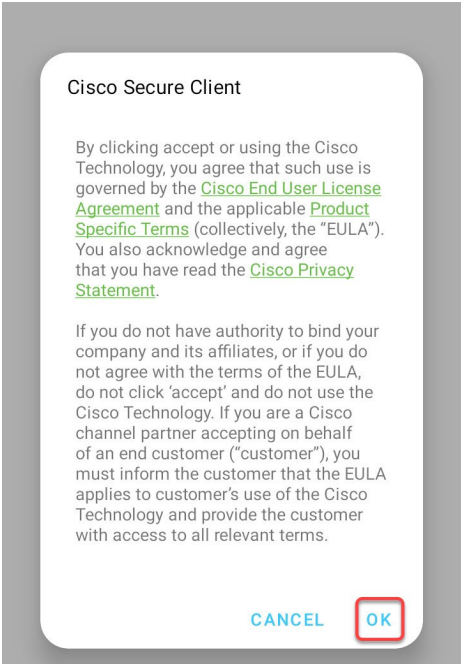 **unibn-wlan.uni-bonn.de**

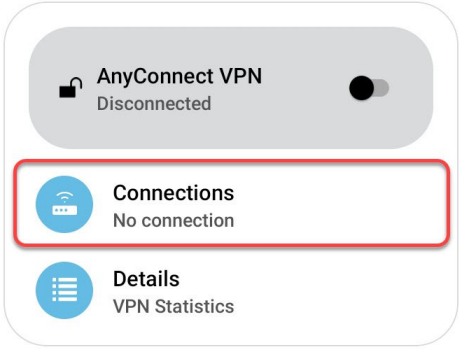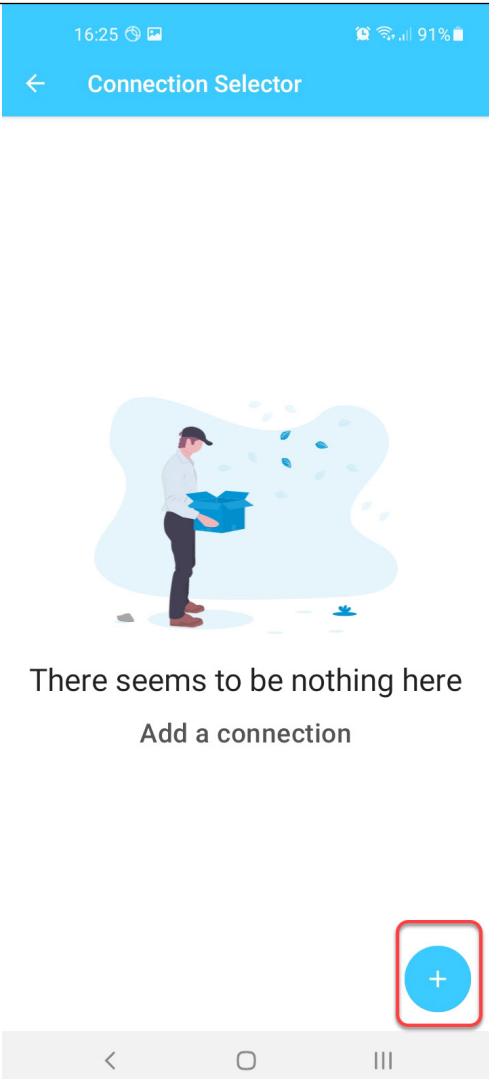> Attention! These are server addresses and not website links. Thus, they have to be entered into the **address bar of the VPN client** and not into the browser.

Downloading and installing the VPN client
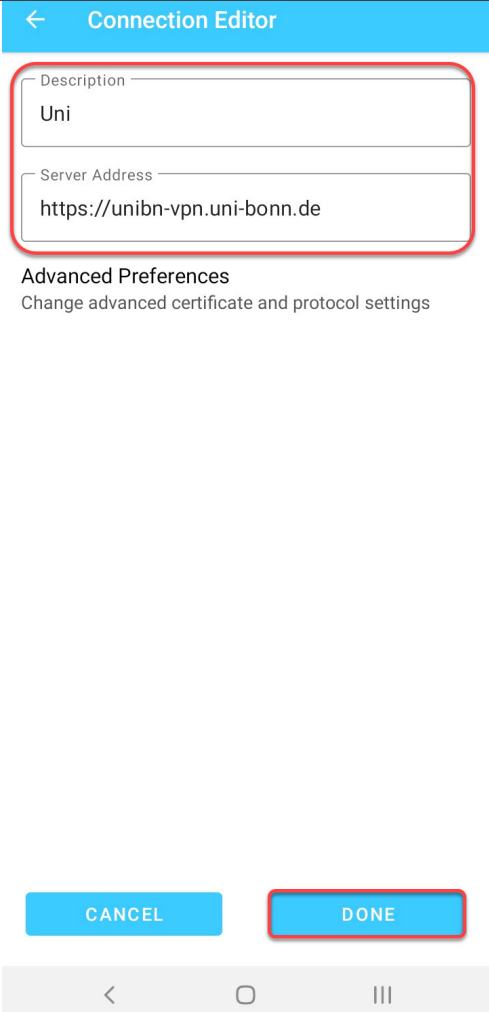
<u>Prerequisites</u>

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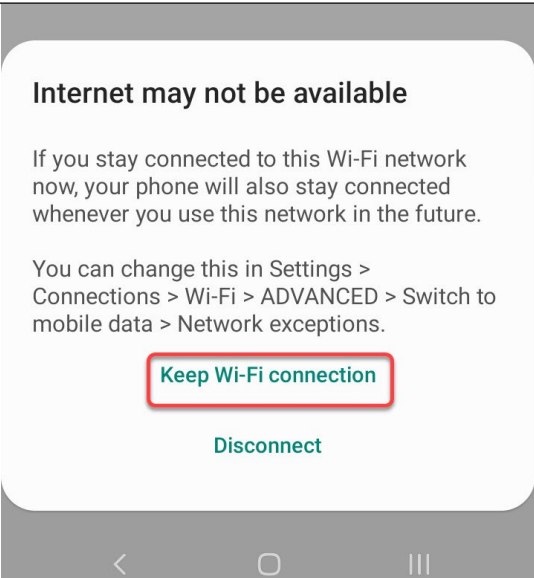- A stable internet connection

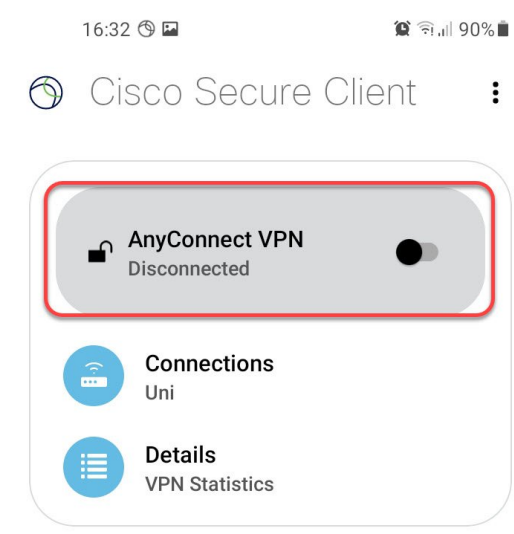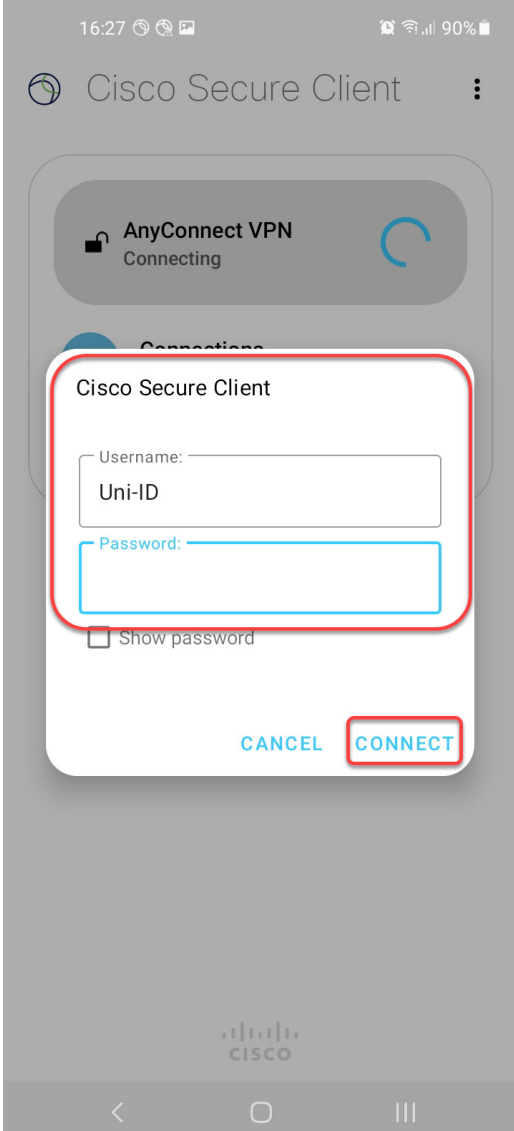| 1	Please **download** and **install** the Cisco Secure Client (formerly AnyConnect) from the **Google Play Store**. You can find the app via th esearch function or by scanning the QR code to the right.	 https://play.google.com/store/apps/details?id=com.cisco.anyconnect.vpn.android.avf&hl=de

2	Select "**Install**".	
3	After downloading open the app and confirm the "End User License Agreement" with "**OK**".	

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4	Tap on "**Connections**".	
5	Tap on the "**+**"-symbol.	

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6	Please enter the following: 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**). Confirm your inputs with "**Done**".	← **Connection Editor** Description Uni Server Address https://unibn-vpn.uni-bonn.de Advanced Preferences Change advanced certificate and protocol settings CANCEL DONE

Using the VPN client

1	**This step is only relevant if you want to connect with internally/ using the university network:** Connect to the bonnet (Settings -> WiFi -> bonnet -> Connect). Take notice of the system notice "Internet potentially not available and click on "Keep WiFi connection".	**Internet may not be available** If you stay connected to this Wi-Fi network now, your phone will also stay connected whenever you use this network in the future. You can change this in Settings > Connections > Wi-Fi > ADVANCED > Switch to mobile data > Network exceptions. **Keep Wi-Fi connection** **Disconnect**

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2	Open the Cisco Secure Client App and click on "**AnyConnect VPN**".	
3	As your user name enter your Uni-ID (without "@uni-bonn.de) and your password. Confirm your input with "**Connect**".	

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4	Confirm the notification with "**OK**" to establish a VPN connection.	
5	Thereby, the connection to the VPN server of the University of Bonn is established. To sever the connection click again "**AnyConnect VPN**".	

Further notice:

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

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