

VPN guide for Android

What is VPN and what is VPN used for?

VPN stands for **V**irtual **P**rivate **N**etwork and offers the possibility to establish a secure and encrypted connection via the insecure and public internet. The prerequisite for setting up a connection is an existing Internet connection. It is necessary that the protocol is not blocked by the local provider.

In addition to encryption, when a VPN connection is established, the client is assigned an official Internet address (IP address) from the address range of the University of Bonn and thus has access to services that are otherwise only available to computers at the university.

Furthermore, the VPN connection can only be established after successful authentication with the University of Bonn's Uni-ID.

Establishing a VPN connection to the VPN servers of the University of Bonn is currently required in the following cases:

- Use of the WLAN at the University of Bonn
- Use of the vast majority of literature databases and electronic journals (eMedia) from home or on the road
- Working from the home office

Note for students in the student residences: A VPN connection is already required for the internet connection in the student halls of residence. Setting up a second VPN connection above it, as described on the HRZ pages, is therefore not possible. You can read how the university services can nevertheless be used on the Studierendenwerk page: <https://www.stw-bonn.de/en/netservice/uni>

Please note that a service may be subject to further restrictions and VPN is not sufficient for access in all cases.

Setting up VPN

There are two different servers:

- Connections from **external** or home:
<https://unibn-vpn.uni-bonn.de>
- Connections from the WLAN or the network of the University of Bonn **internally**:
<https://unibn-wlan.uni-bonn.de>

Note: There are many versions of the Android operating system on the market, which may differ somewhat in their menu navigation and app compatibility depending on the smartphone manufacturer. For this reason, it is unfortunately not possible to create a guide suitable for all models on the market. The tutorial is suitable for Android 9-12.

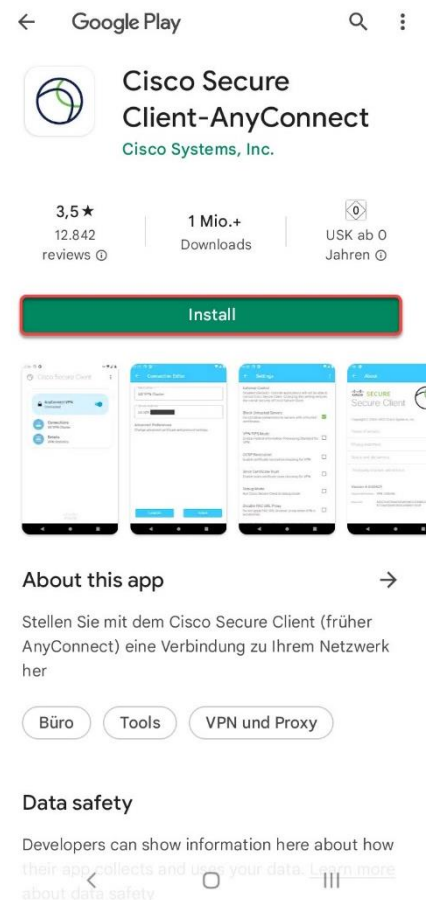
Step by step guide

Please first **download** and install the **Cisco Secure Client** (formerly AnyConnect) from the **Google Play Store**. You can find the app via the search function or directly by scanning the adjacent QR code.

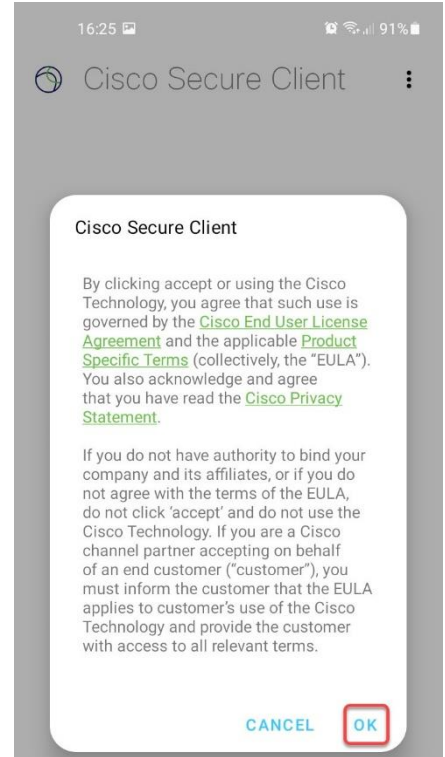


<https://play.google.com/store/apps/details?id=com.cisco.anyconnect.vpn.android.avf&hl=en>

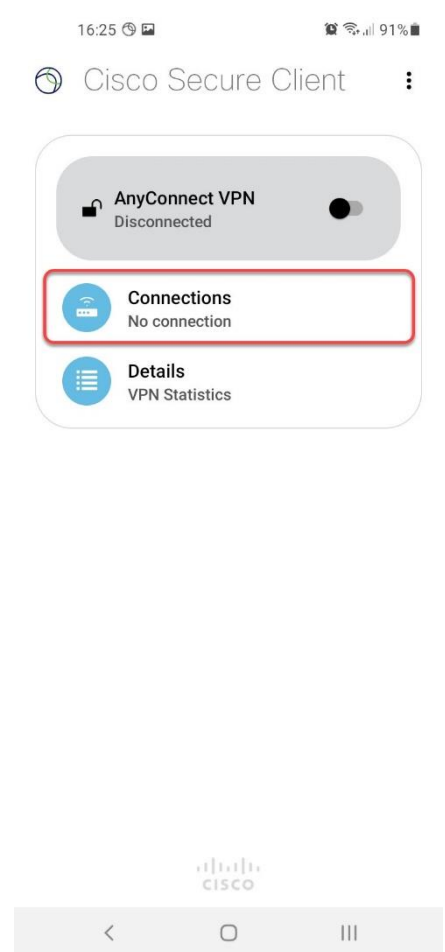
1. Tap „Install“.



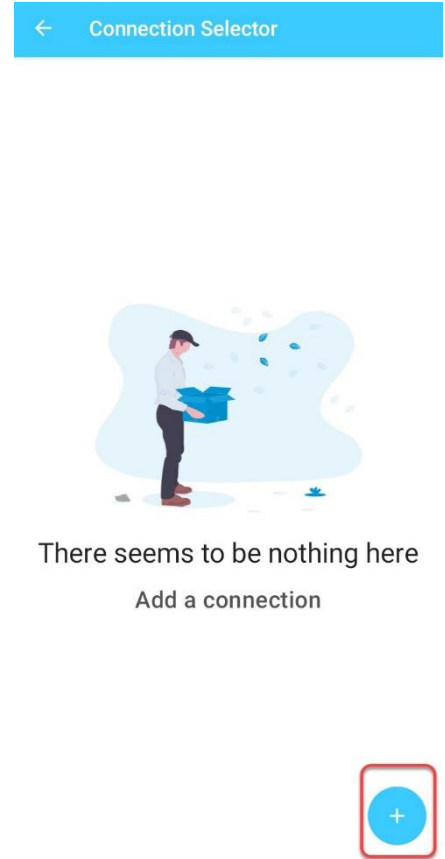
2. After downloading, please open the app and confirm the "End User License Agreement" with "OK".



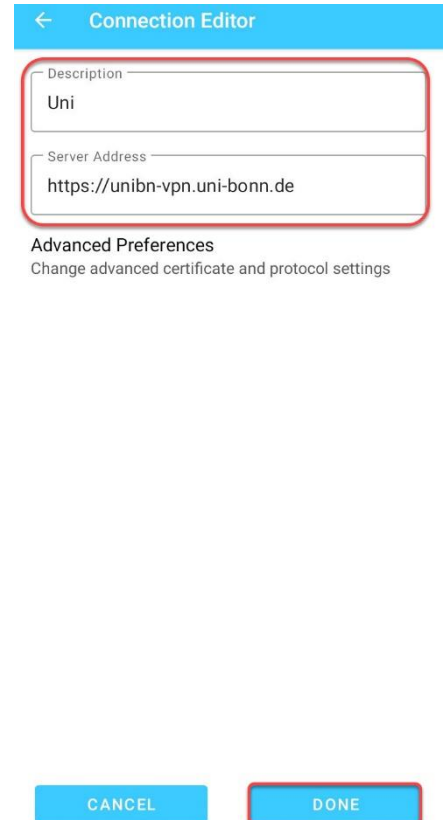
3. Tap on "Connections".



4. Tap on "Plus".

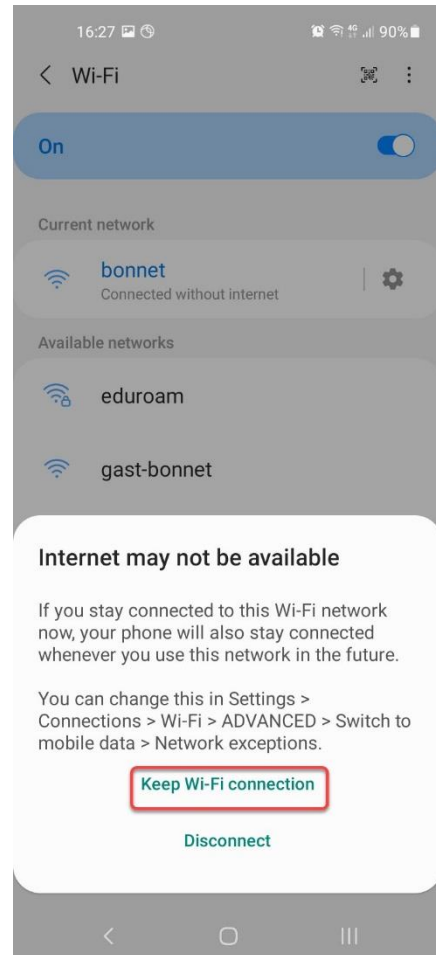


5. Please enter the following: Description: freely selectable (here "Uni" was selected) - Server address: <https://unibn-vpn.uni-bonn.de> (if you are in the Bonnet area, please enter <https://unibn-wlan.uni-bonn.de>). Please confirm the entries with "Done".

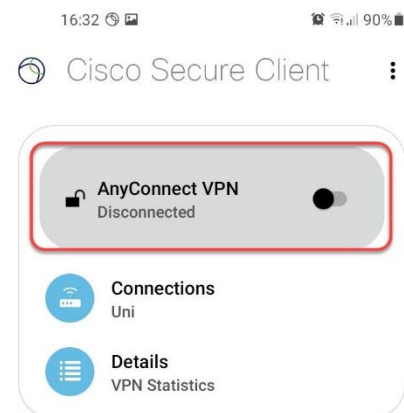


Establishing a VPN connection

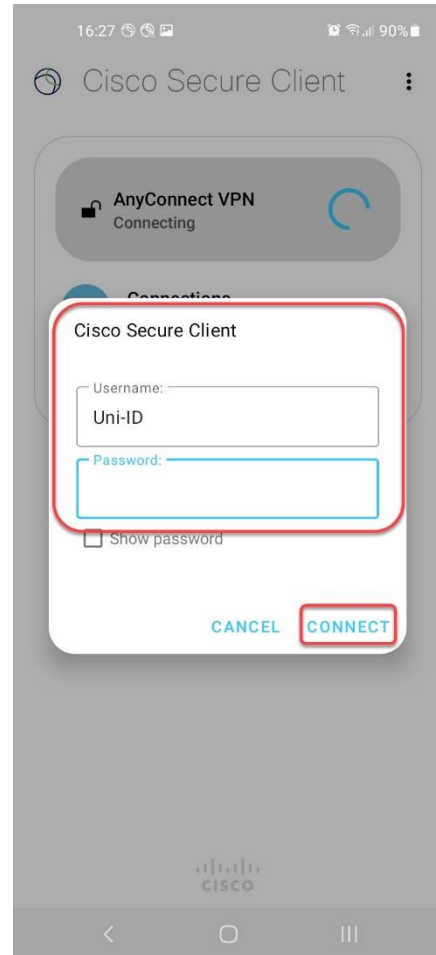
1. Connect to the bonnet (Settings -> WLAN -> bonnet -> Connect). Be sure to look for the system message "Internet may not be available" and tap on "Keep Wi-Fi connection".



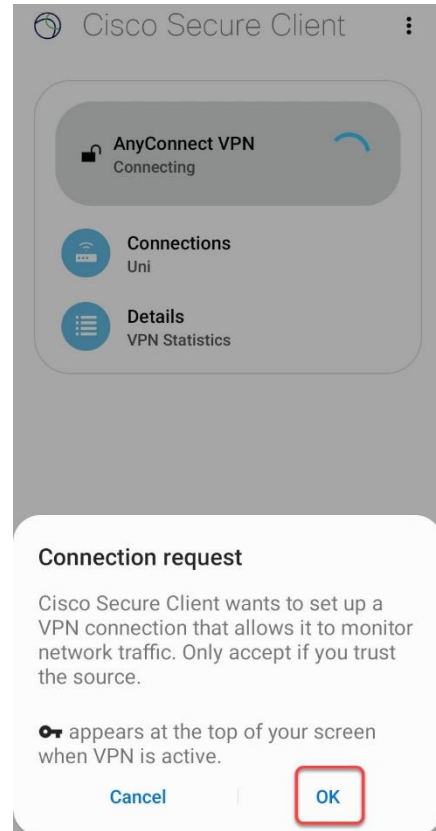
2. Open the Cisco Secure Client-AnyConnect app and tap "AnyConnect VPN".



3. Enter your university ID (without "**@uni-bonn.de**") and your password as your user name. Confirm your entries with "Connect".



4. Please confirm the warning message with "OK" so that a VPN connection can be established.



5. The connection to the VPN server of the University of Bonn is now established. To disconnect, tap on "AnyConnect-VPN" again.

