

## 4.07 VPN

[Hinweise of the UniRZ Smartphone- and notebook consultation hour](#)

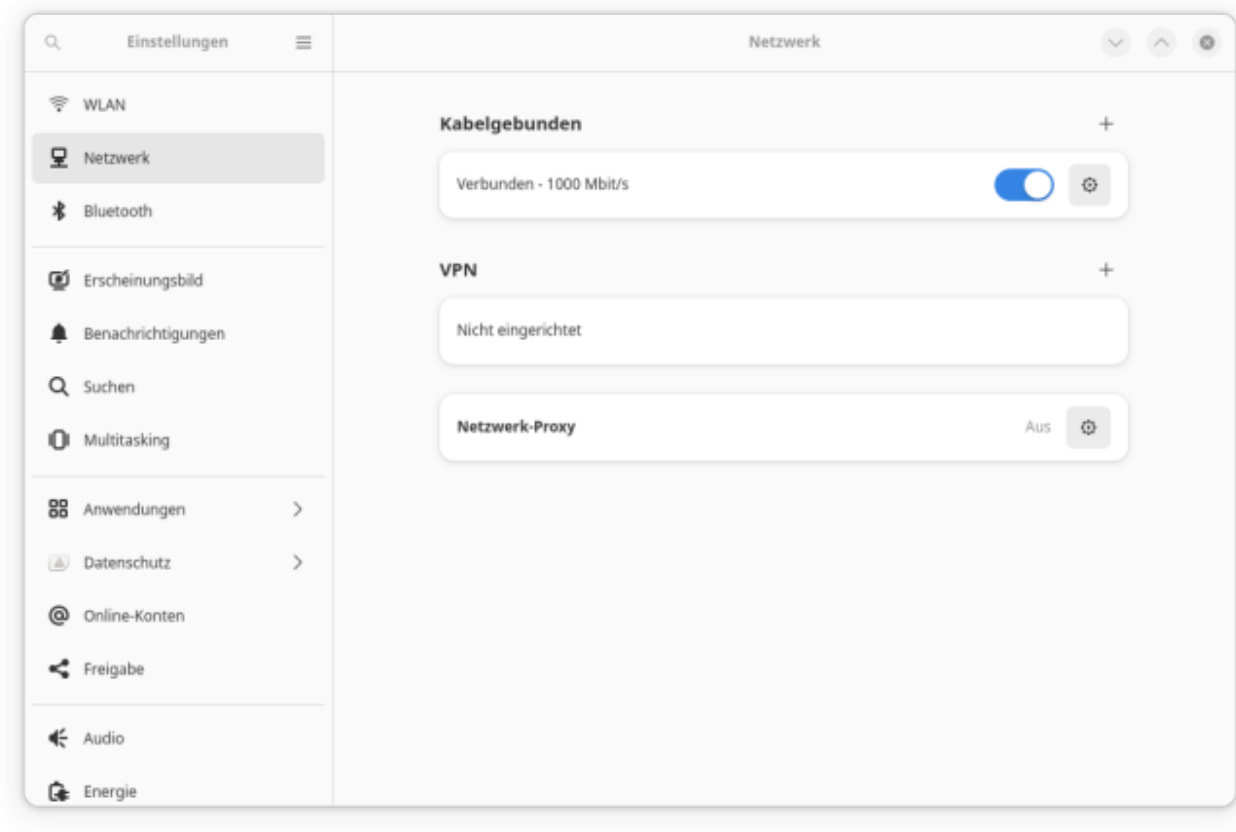
### Windows

- ✘ <https://vpn2x.tu-ilmenau.de/> call up and log in with the university account
- ✘ Click on „AnyConnect“ on the left and then on „Start AnyConnect“.
- ✘ „Click on „Download for Windows
- ✘ Run the downloaded installation wizard
- ✘ Open the „Cisco AnyConnect Secure Mobility Client“ program that has now been installed, <https://vpn2x.tu-ilmenau.de> enter the server address and click on „Connect“.
- ✘ Select „def-ext“ or „def-ext-full“ and log in with your university account.
- ✘ In the system section of the control bar, the Cisco AnyConnect icon can be clicked and the connection can be disconnected by clicking on „Disconnect“.

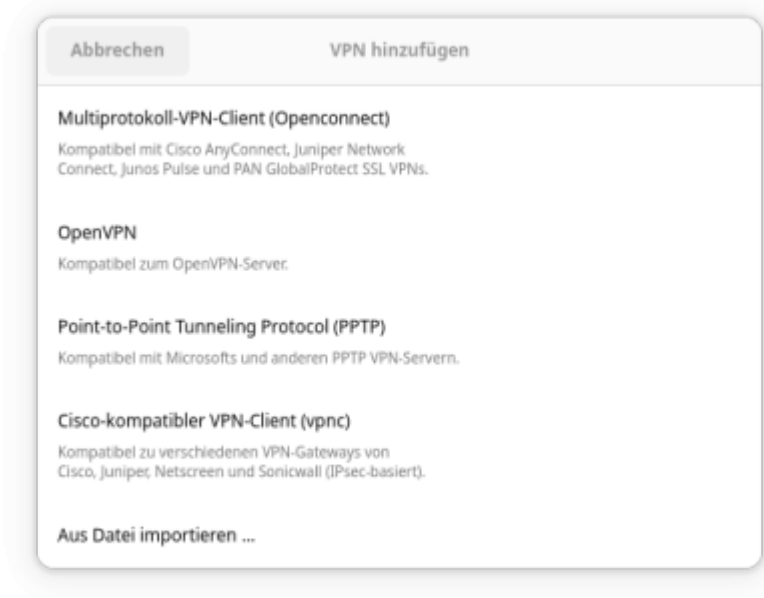
### Linux (KDE)

- ✘ In the system settings under „Network“ / „Connections“, click on the “+“ under the list of all connections.
- ✘ Select „Cisco AnyConnect (openconnect)“.
- ✘ Enter connection name and gateway (vpn2x.tu-ilmenau.de)
- ✘ Now the VPN connection appears in the list of all connections
- ✘ Open the „Networks“ tab and click on „Connect“ next to the VPN connection.
- ✘ Click on the connection icon next to the VPN gateway address.
- ✘ Select „def-ext“ or „def-ext-full“ and log in with the access data of the university account.

### Linux (Gnome)



In the system settings under „Network“ click on the „+“ in the „VPN“ section

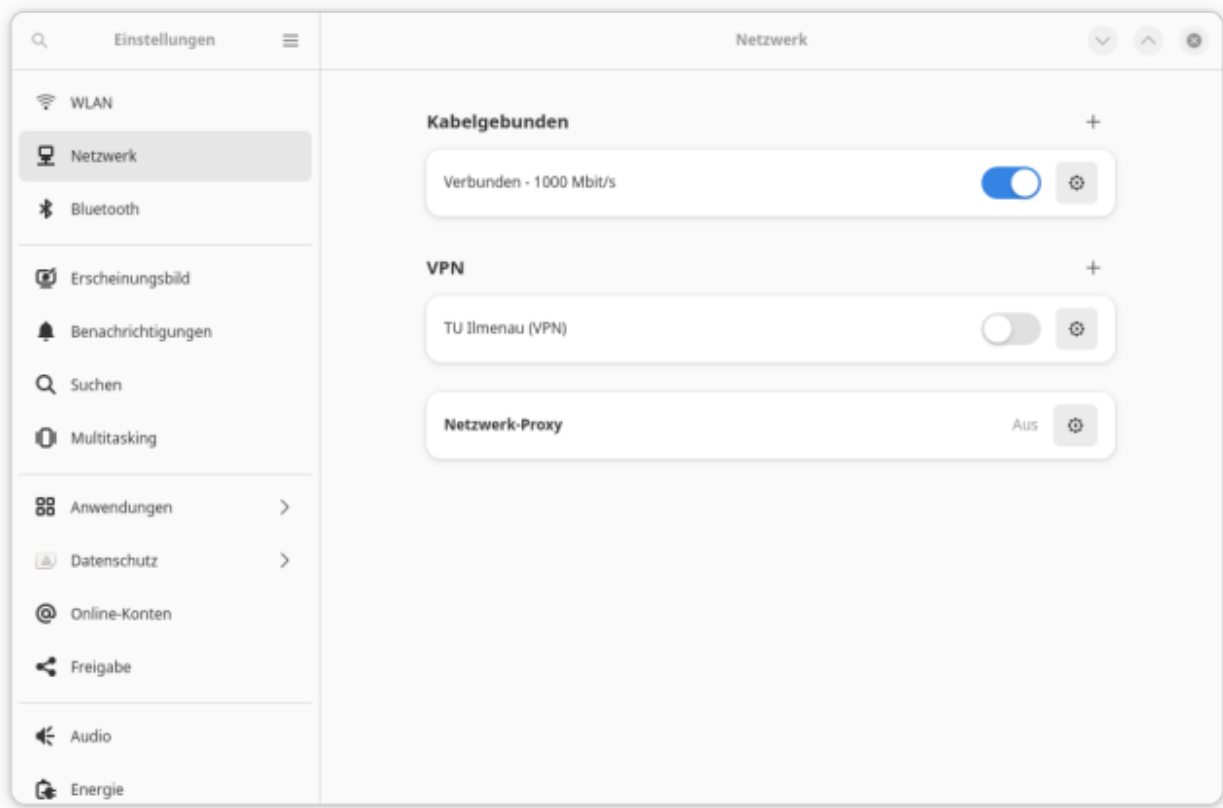


„Select „Multiprotocol VPN Client (Openconnect)“

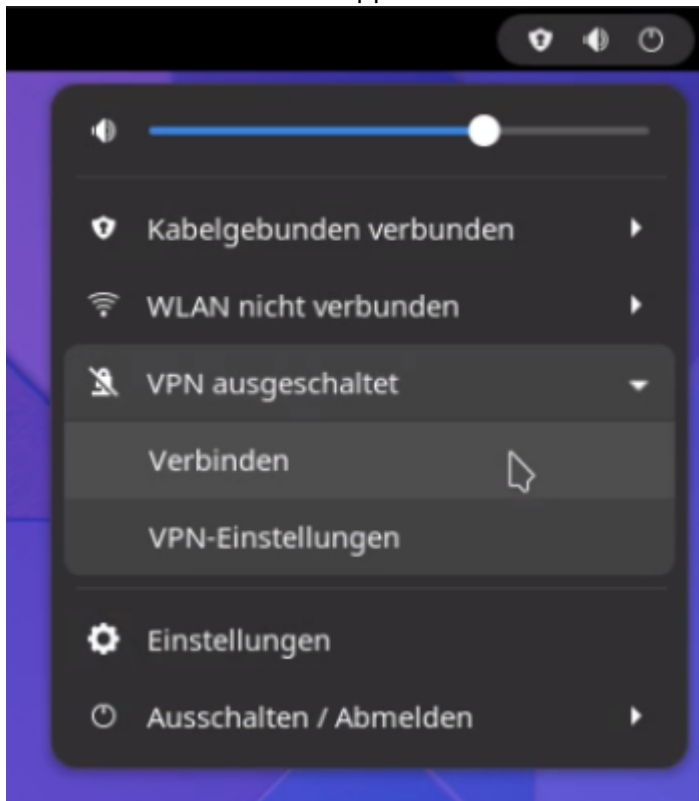
The screenshot shows a configuration window for adding a VPN connection. At the top, there are buttons for 'Abbrechen' and 'Hinzufügen', and the title 'VPN hinzufügen'. Below the title are three tabs: 'Identität', 'IPv4', and 'IPv6'. The 'Identität' tab is selected and underlined. The form contains the following fields and options:

- Name:** TU Ilmenau (VPN)
- Allgemein:**
  - VPN-Protokoll:** Cisco AnyConnect oder OpenConnect
  - Gateway:** vpn2x.tu-ilmenau.de
  - CA certificate:** (keine)
  - Proxy:** (empty)
  - Sicherheitsscanner-Trojaner erlauben (CSD)
  - Trojaner-CSD-Wrapper-Skript:** (empty)
  - Ermitteltes Betriebssystem:** (empty)
- Zertifikat-Legitimierung:**
  - User certificate:** (keine)
  - User private key:** (keine)
  - FSID für Schlüsselkenwort verwenden
  - Den Benutzer daran hindern, manuell ungültige Zertifikate zu akzeptieren
- Legitimierung über Software-Token:**
  - Token-Modus:** Deaktiviert
  - Token-Geheimnis:** (empty)

Enter connection name and gateway (vpn2x.tu-ilmenau.de)



Now the VPN connection appears in the list



Click on the top right, open the section „VPN switched off“ and click on „Connect“.



Select „def-ext“ or „def-ext-full“ and log in with the access data of the university account.

## MacOS



<https://vpn2x.tu-ilmenau.de/> call up and log in with the university account



Click on „AnyConnect“ on the left and then on „Start AnyConnect“.



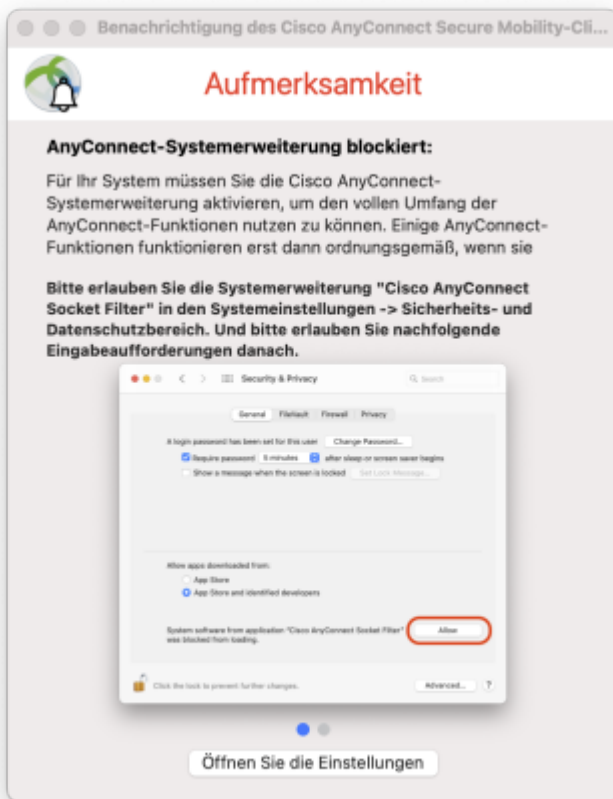
„Click on „Download for macOS“



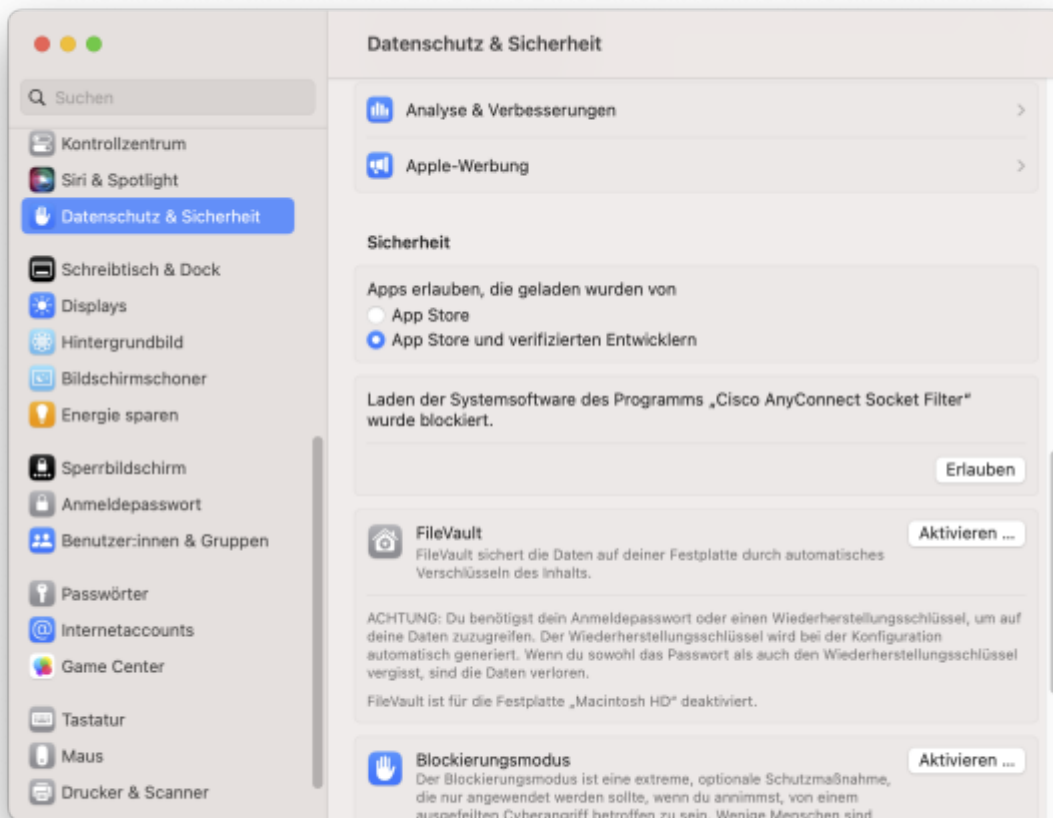
Open the downloaded DMG file and click on the PKG file there.



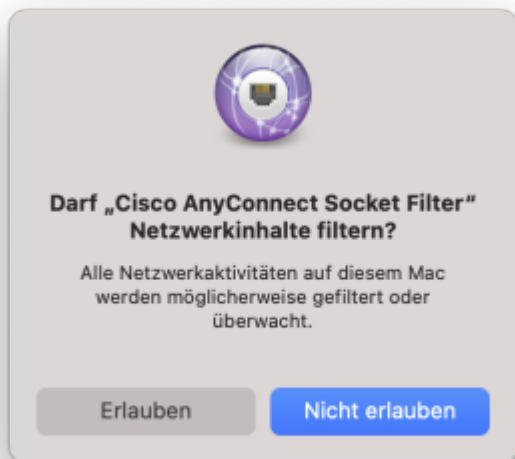
Follow the instructions in the installation programme (accept licence conditions).



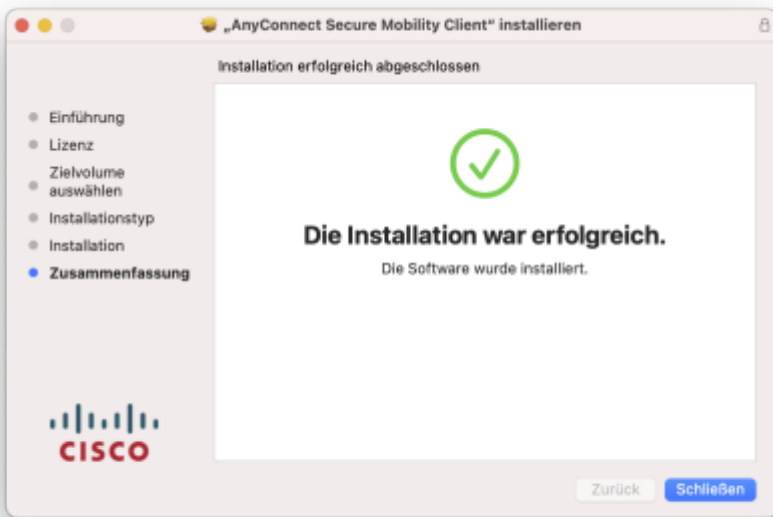
This window should appear during the installation. Click there on „Open the settings“.



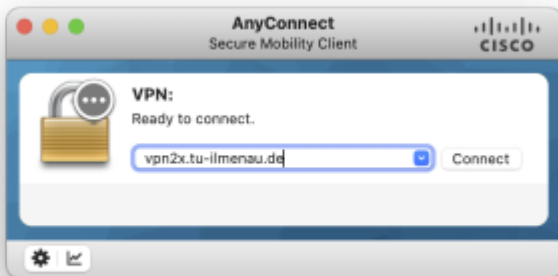
In the system settings under „Privacy and Security“ in the field „Loading of the system software of the programme „Cisco AnyConnect Socket Filter“ was blocked click on „Allow“.



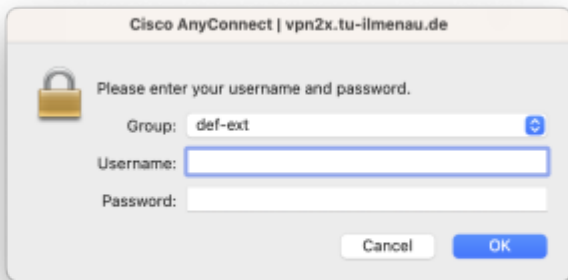
Then confirm in the window that appears



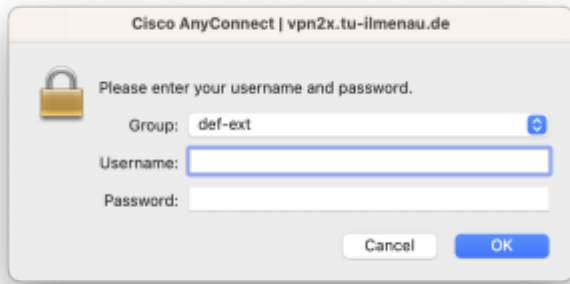
Exit the installation programme



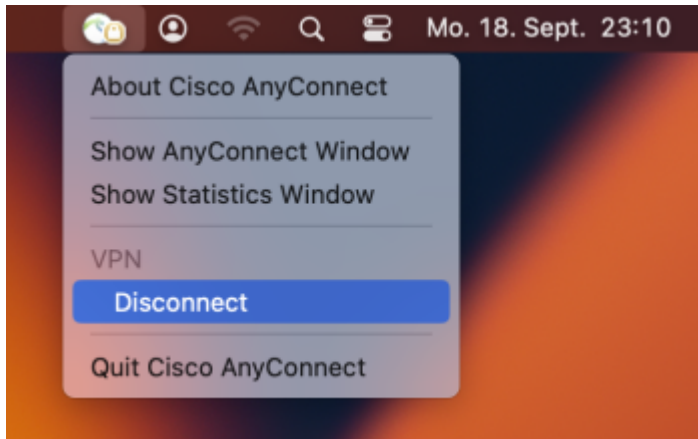
Open the „Cisco AnyConnect Secure Mobility Client“ program that has now been installed, <https://vpn2x.tu-ilmenau.de> enter the server address and click on „Connect“.



Select „def-ext“ or „def-ext-full“ and log in with your university account.

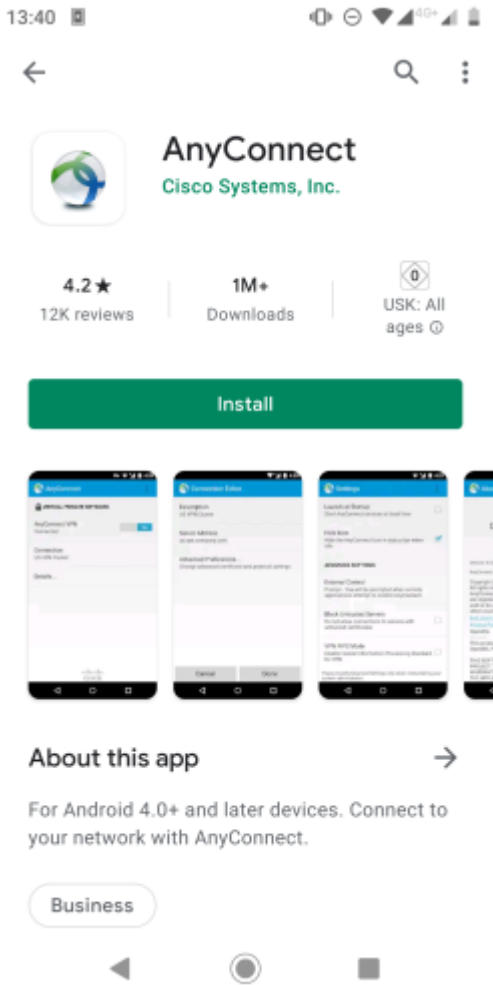


The connection is now established

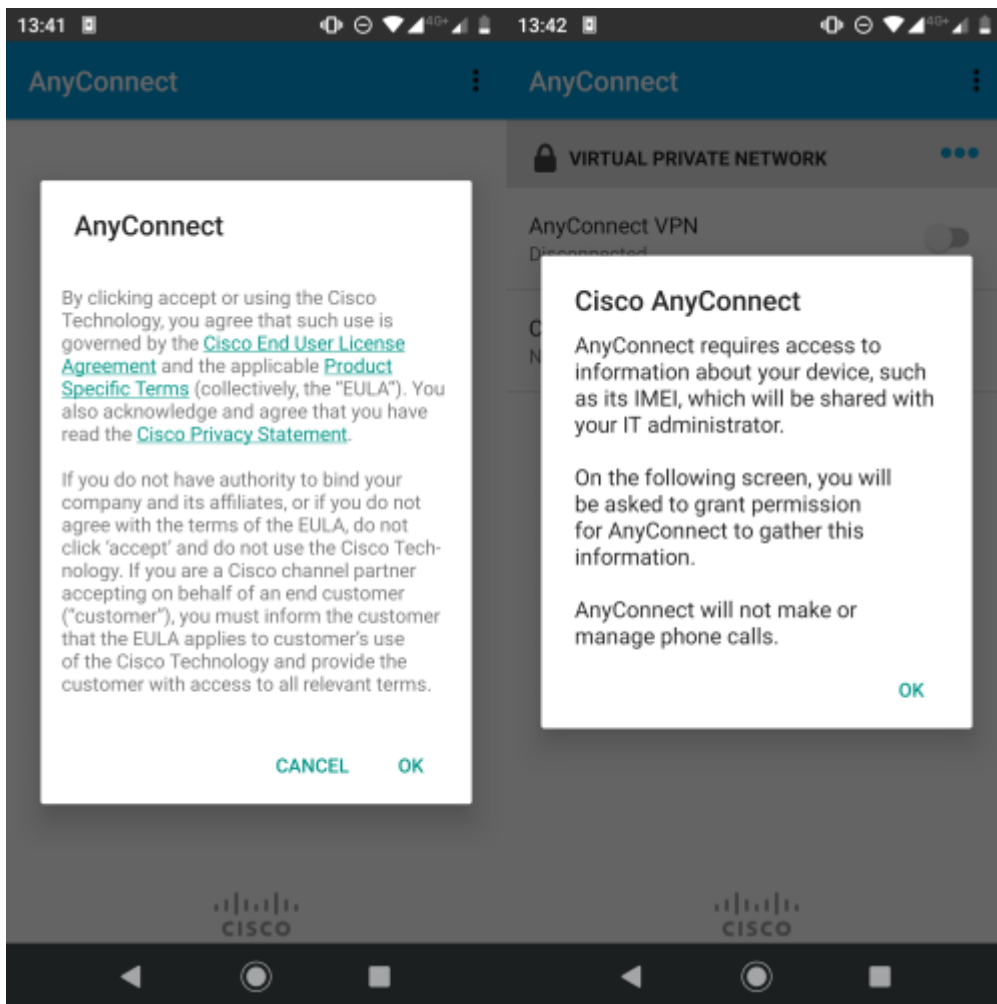


In the system section of the control bar, the Cisco AnyConnect icon can be clicked and the connection can be disconnected by clicking on „Disconnect“.

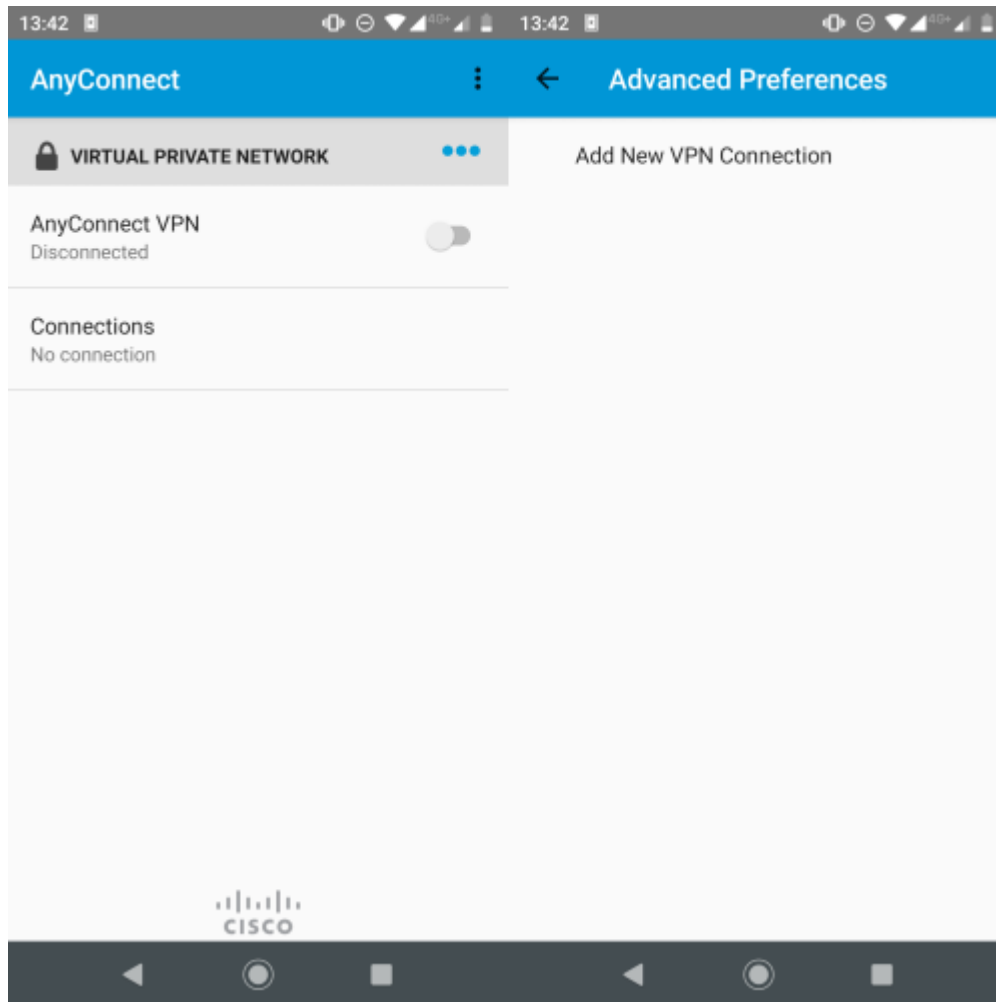
# Android



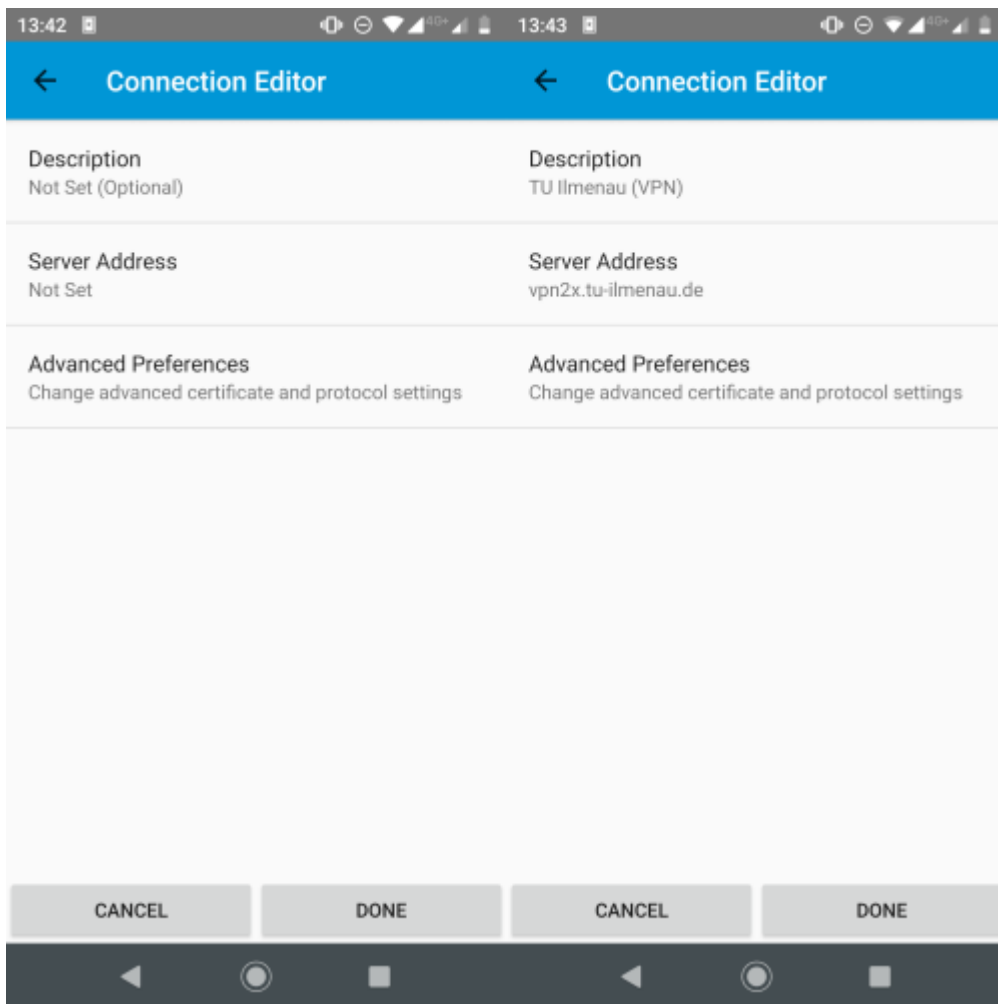
The Cisco AnyConnect app  
(<https://play.google.com/store/apps/details?id=com.cisco.anyconnect.vpn.android.avf>) install



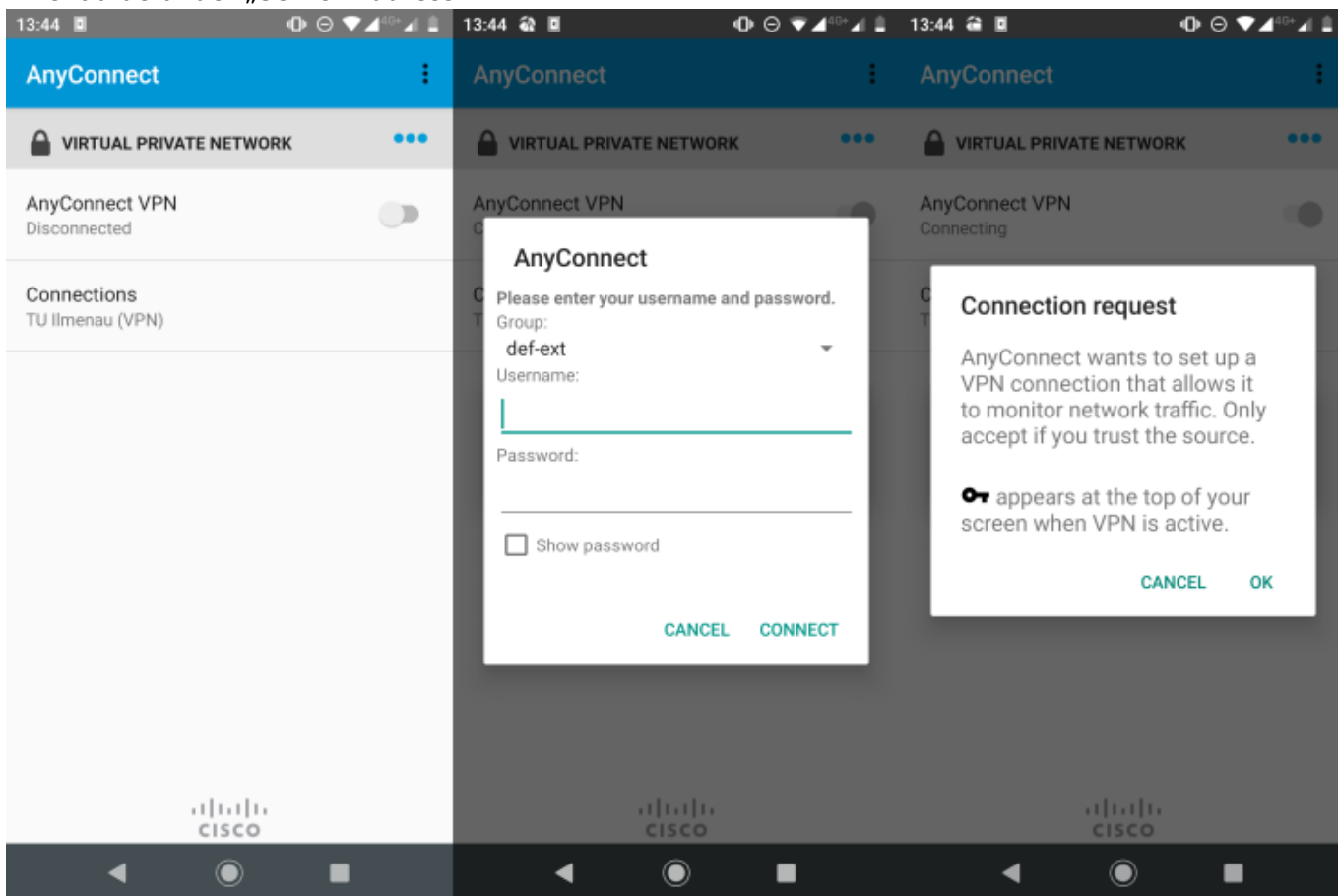
Accept conditions and permissions



Click on „Connections“ and then on „Add New VPN Connection“.

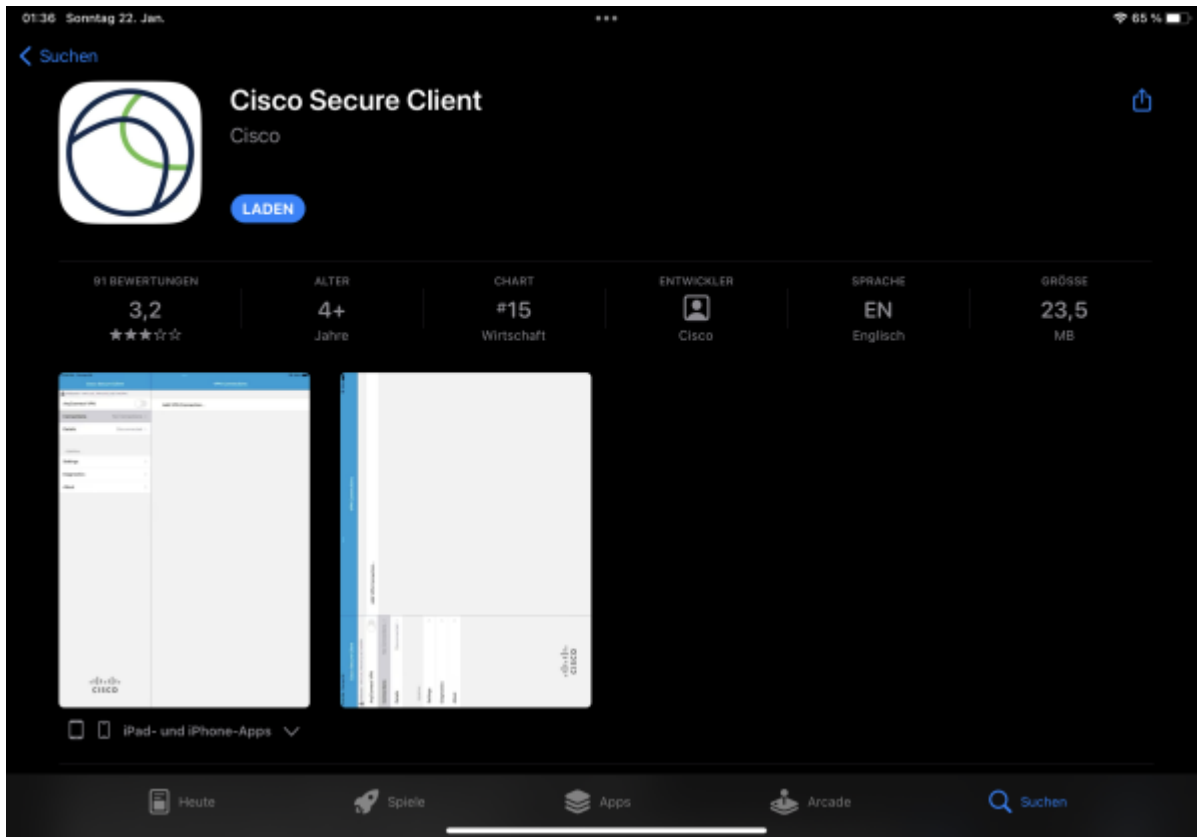


Enter a title for the connection by clicking on „Description“ and the VPN server address vpn2x.tu-ilmenau.de under „Server Address“.

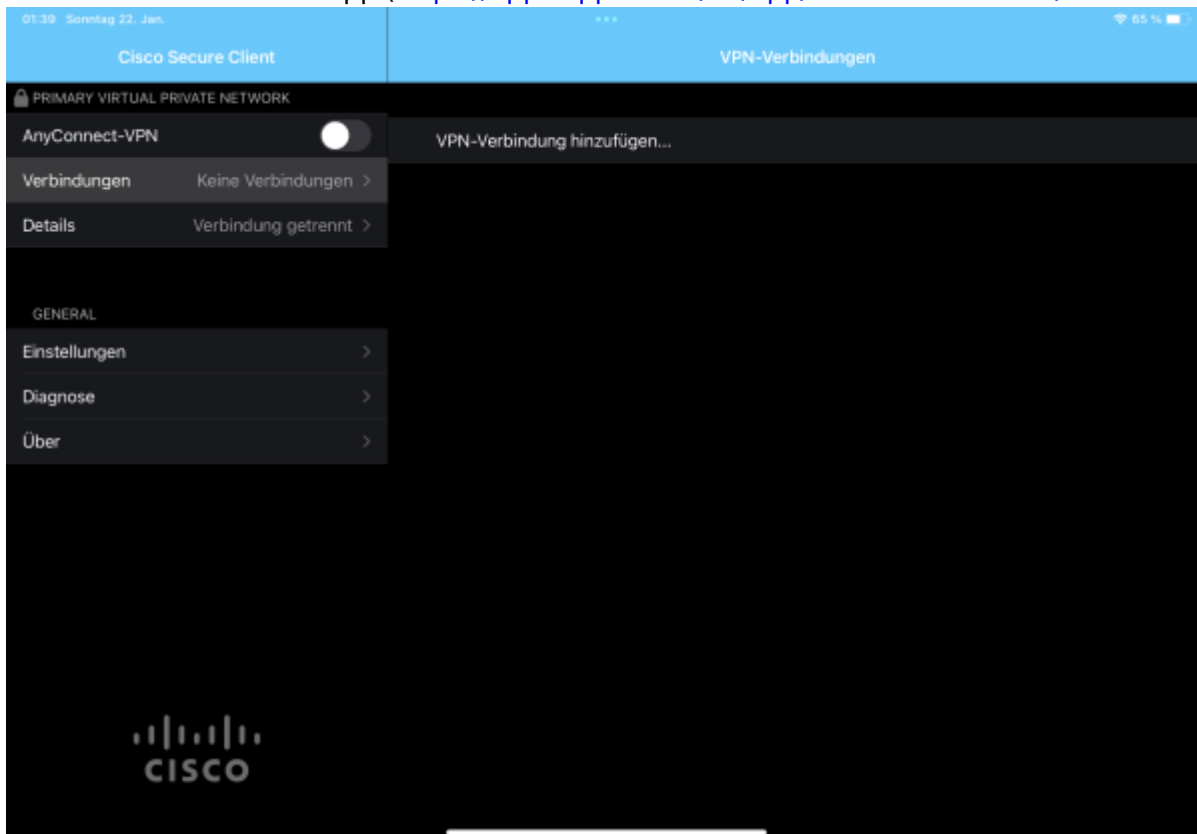


Click on the button to establish the connection, select „def-ext“ or „def-ext-full“ and log in with the access data of the university account.

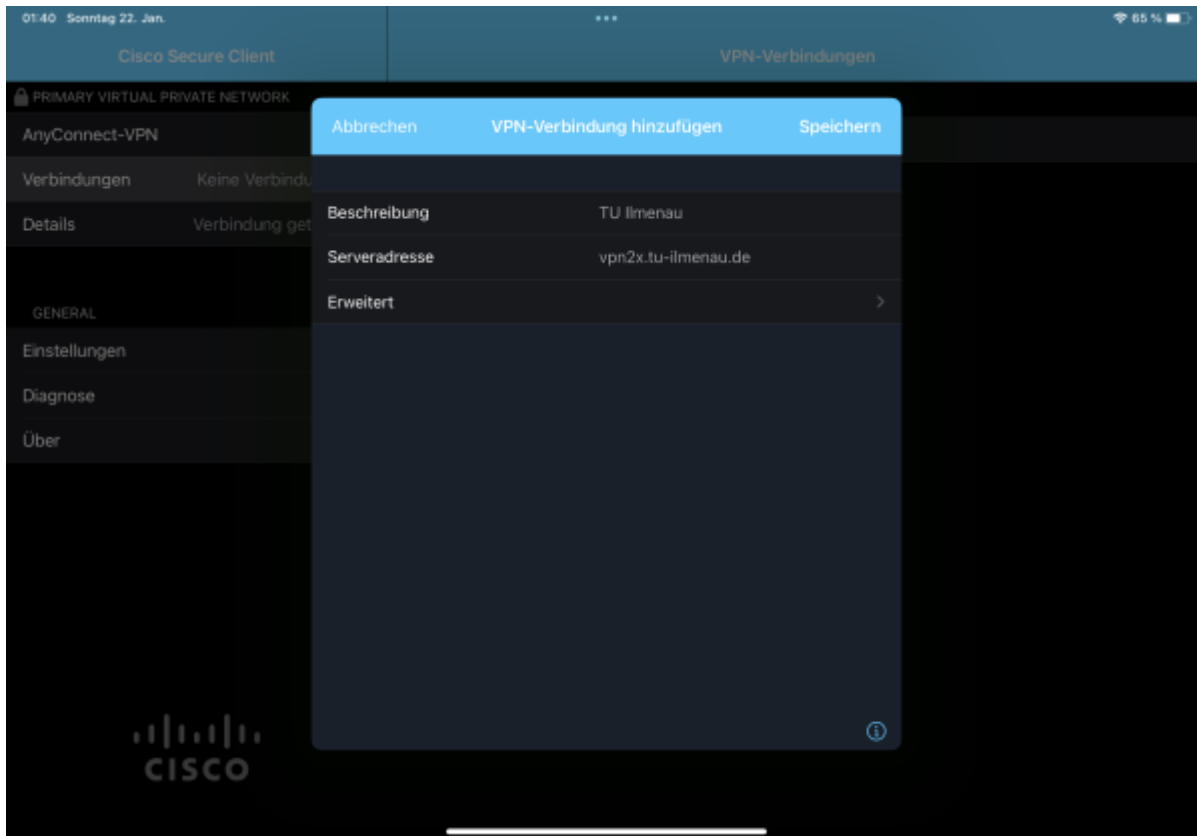
# ios



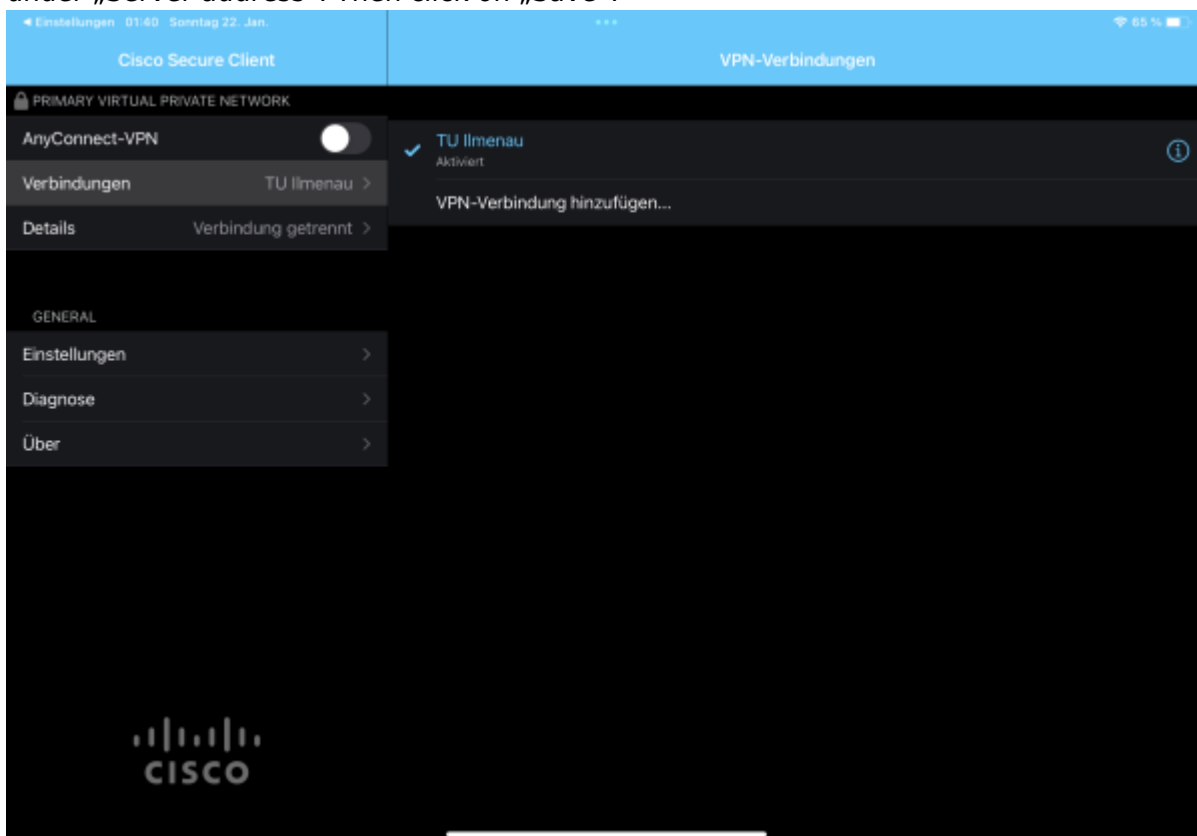
The Cisco Secure Client app (<https://apps.apple.com/de/app/cisco-secure-client/id1135064690>) install



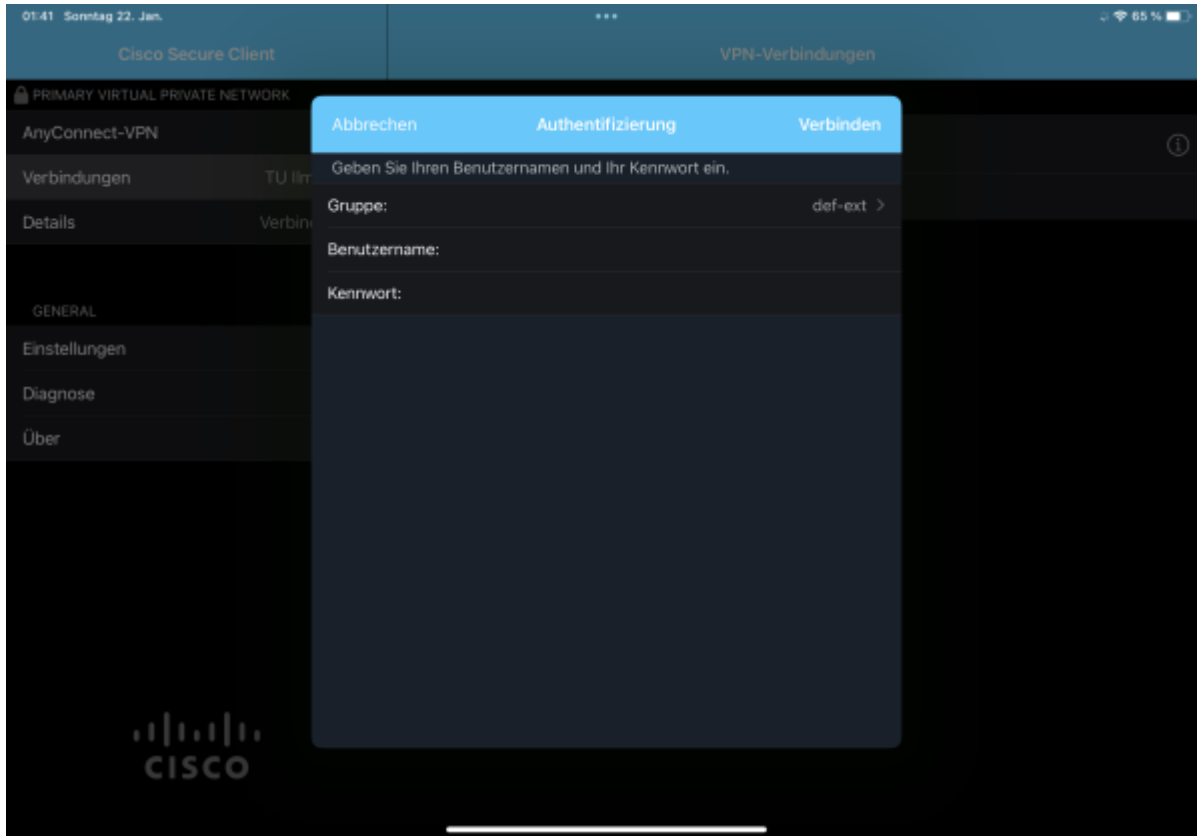
Click on „Connections“ and then on „Add VPN connection ...“.



Enter a title for the connection under „Description“ and the VPN server address `vpn2x.tu-ilmenau.de` under „Server address“. Then click on „Save“.



Click on the „AnyConnect-VPN“ button to establish the connection.



Select „def-ext“ or „def-ext-full“, enter the access data of the university account and click on „Connect“.

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<https://www.erstiwiki.de/> - **ErstiWiki**

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