MacOS - VPN (mit Cisco AnyConnect) per SSO

University of Potsdam

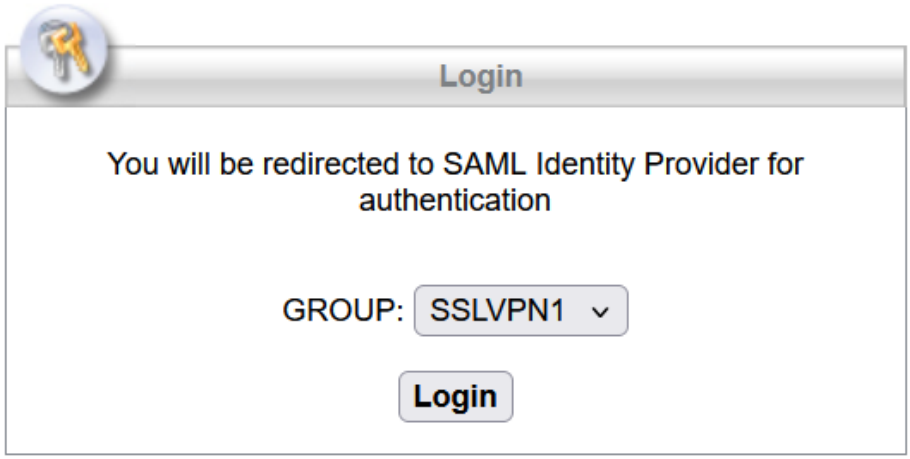
ZIM – Center for Information Technology and Media Management

Configuration Guide VPN Access for macOS (with Cisco AnyConnect)

> To install the VPN access, your central university account [accountname]@uni-potsdam.de (UP account) is a prerequisite.

Setting up the device:

Connect your computer to the Internet and open a browser. Enter the following URL: https://sslvpn.uni-potsdam.de. The following window will open.

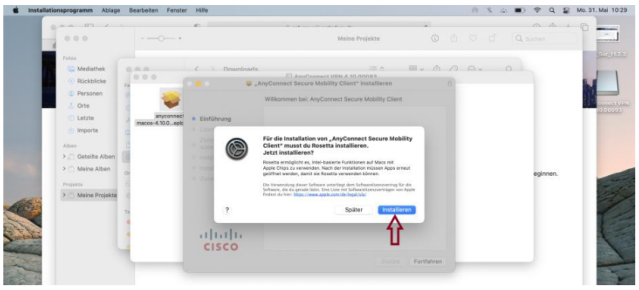


Select the Group: SSLVPN1 and click on “Login”.

Please enter your central UP account data here.

ATTENTION!

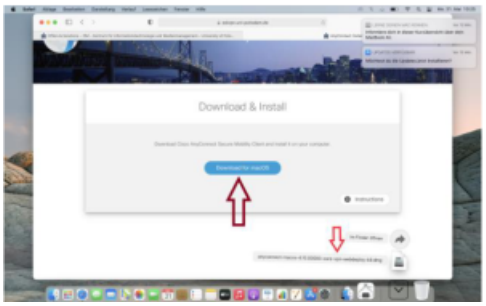
Apple has been using its own chips [M1 processor] since the end of 2020. If you have a new Apple device, you must install the additional “Rosetta” software. Rosetta makes it possible to run Intel based features on Macs with Apple chips. If you have already installed Rosetta, you do not need to install it again. Otherwise the following window will appear, simply click on “Install”.



From now on, 10 steps to success.

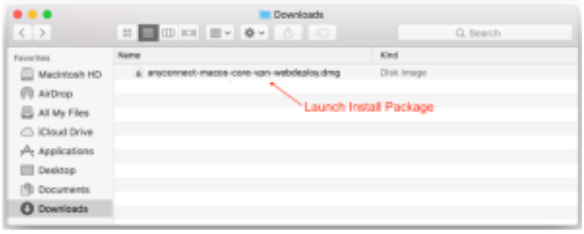
Step 1:

Click on “**Download for macOS**” to save the installation package.



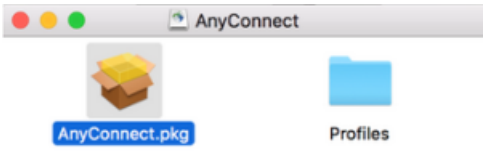
Step 2:

Search for the “**downloaded file**” (.dmg file format) and open it.



Step 3:

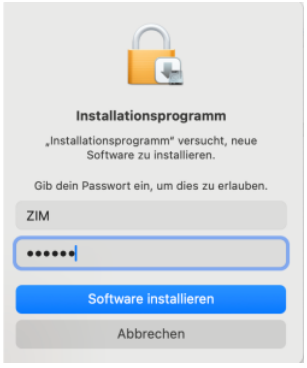
The file will mount a disk image. Open this disk image and start the file with the name “**anyconnect-macosx-XXXXXXXXXX.pkg**”.



Step 4:

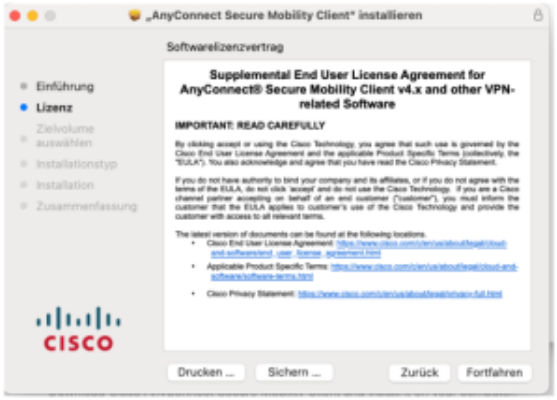
On this “**Welcome to AnyConnect Secure** .....” screen, click on “**Continue**” (1) and enter your admin data (2) if necessary.

(1)

(2) 

Step 5:

On the “**Software License Agreement**” screen, click “**Continue**” (1) and then “**Agree**” (2) in the dialog box.

(1) 

(2)

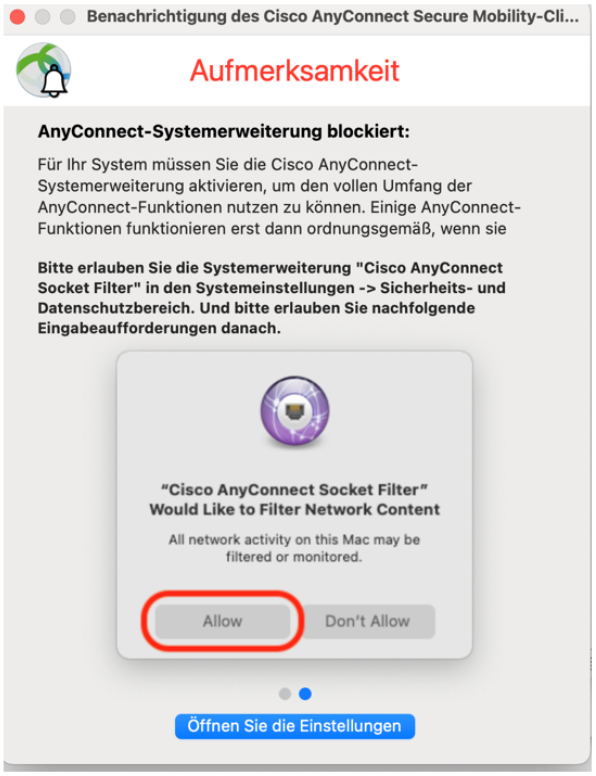
Step 6:

Click on “**Install**”.

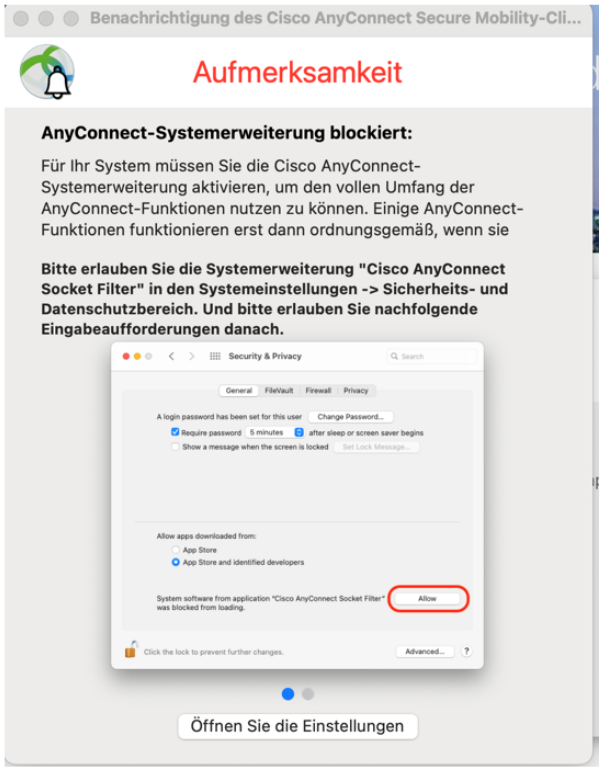
⚠ You still need to make or accept the following settings in the system.

1. activate the system extension Images (1) and (2) or possibly set it up yourself via Settings-->Network extension Images (3-6).

(1)



(2)



(3)

(4)

(5)

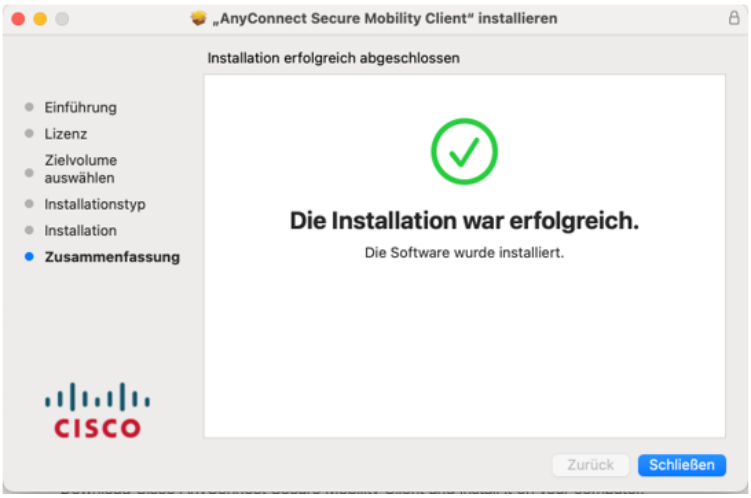
(6)

2. "**Allow"** the Cisco Filter network extension.

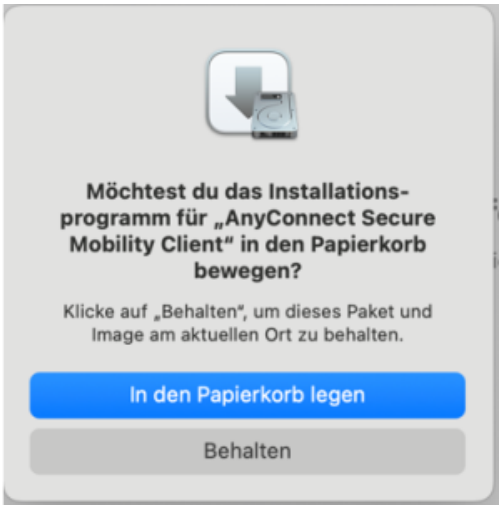
Step 7:

Installation was successful (1) and click on “**Keep/Behalten**” (2) in the Install program window to be sure and Close.

(1)

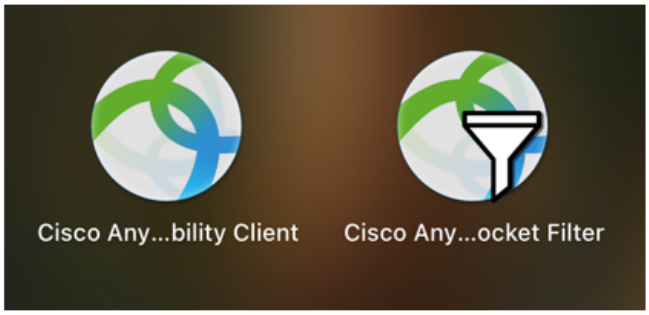


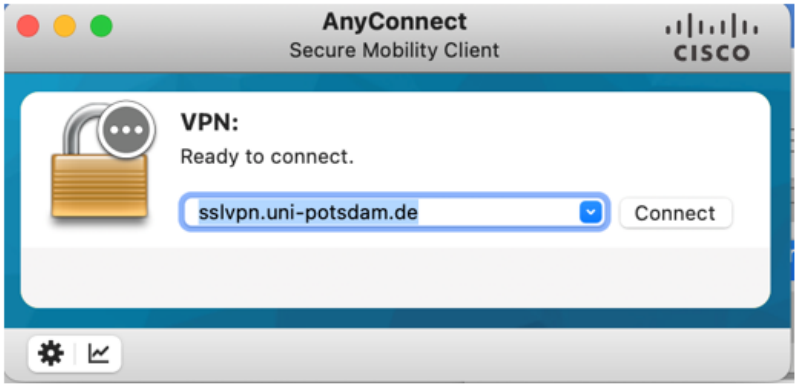
(2)



Step 8:

To start Cisco AnyConnect, click on “**AnyConnect Client**” (in the Finder under Programs), enter the server address: **sslvpn.uni-potsdam.de** as the server address and click on “**Connect**”.

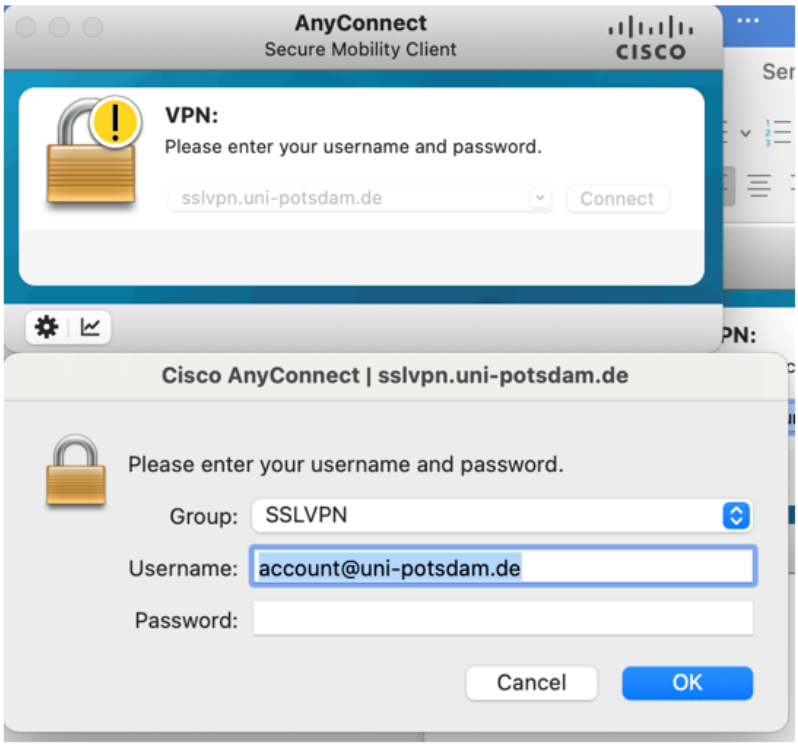




Step 9:

Select Group: **SSLVPN1** and enter your central university account including your password as shown in the image (1), confirm with “**OK**”.

The following image (2) then appears on the dock.

(1) 

(2)

Step 10:

Intranet Uni Potsdam is open.

Delete Cisco VPN client

To completely remove the Cisco VPN client from your apple device, please follow these instructions:

Important: Please do not try to delete the Cisco files manually!

1) Normal uninstallation

1. go to Applications -> Cisco -> Unistall AnyConnect
2. follow the instructions

2) Advanced uninstall

1. go to Programs -> Utilities -> Terminal

2. enter the following into the console and confirm with the Enter key:

   sudo /opt/cisco/anyconnect/bin/anyconnect_uninstall.sh
3. enter your password and confirm with the Enter key (the password entry is not visible)

3) Completely remove Cisco (as in step 2.3, it may also be necessary to enter the password here)

1. go to Programmes -> Utilities -> Terminal
2. enter the following into the console and confirm with the Enter key:

   sudo rm -R /opt/cisco/anyconnect
3. enter the following into the console and confirm with the Enter key:

   sudo rm -R /Applications/Cisco
4. enter the following in the console and confirm with the Enter key:

   sudo pkgutil --forget com.cisco.pkg.anyconnect.vpn

The VPN client should then be able to be reinstalled cleanly.