

Microsoft Windows - Instructions

Version 5.7

Please refer to the general information about the VPN service at the University of Hamburg, as well as the requirements for accessing the service, on the website:

- <https://www.rrz.uni-hamburg.de/services/netz/vpn.html>

The Regional Computing Center offers the Cisco AnyConnect VPN Client for VPN access at the University of Hamburg. The current version of the client supports Windows desktop operating systems starting with version 8.

You can download the latest Cisco AnyConnect VPN Client for Windows 10 and 8.1 from the following website. The download requires you to log in with your user ID (b*****):

- <https://www.rrz.uni-hamburg.de/services/netz/vpn/vpn-win.html>

1. Installing the Cisco AnyConnect VPN Client

In the event of an operating system upgrade (changing versions, e.g., from Windows 7 to Windows 10) or one of the semi-annual Windows 10 feature updates, it is recommended that you uninstall the Cisco AnyConnect VPN Client beforehand and reinstall it after the upgrade/update is complete.

- Download the Cisco AnyConnect VPN Client from the RRZ website.
- Please run the downloaded file.
- To complete the installation, please confirm all prompts. A computer restart is not required.

⇒ Windows 10

The installer creates a "Cisco" folder in the list of installed programs.

⇒ Windows 8.1

When installing the AnyConnect client, a new tile is created on the Start screen and an entry is added to the "All Apps" section.

⇒ In Windows 8.1, the AnyConnect connection window appears immediately after the user logs in to the system. Section 4, "*Customizing the Configuration*," describes how to disable this.

2. Establishing the VPN Connection

a) Establishing a connection to the data network

Before you can log in to the University of Hamburg's network using the AnyConnect VPN client, you must establish a connection between your computer and the internet or the University of Hamburg's network.

There are several ways to do this:

- **Access via the University of Hamburg's Wi-Fi access points.** To use the UHH's VPN access, you must connect to a University of Hamburg access point using the SSID "UHH." Information about the locations of the access points is available on the RRZ website.
- Connect your computer to one of the **public network jacks at the University of Hamburg, marked in blue.** Information about the locations of the public network jacks is available on the RRZ website.
- Connection via any internet service provider, e.g., from home via DSL or at an internet café.

b) VPN Connection

The VPN connection to the University of Hamburg's data network is established using the Cisco AnyConnect VPN Client. Please follow these steps:

- Launch the Cisco AnyConnect VPN Client.

- When connecting to the Cisco AnyConnect VPN Client for the first time, you must enter the VPN gateway address. This is: *vpn.rrz.uni-hamburg.de*. Then click the “Connect” button (Fig. 1a).
- Once the client has established a connection to the gateway, you will be prompted to enter your user ID (b*****) and the corresponding password (Fig. 1b).



Fig. 1a: Enter gateway



Fig. 1b: User login

Once the connection has been successfully established, a message will appear briefly in the lower right corner above the taskbar. The AnyConnect client icon in the taskbar indicates the status of the VPN connection (Fig. 2).



Fig. 2: AnyConnect icon in the taskbar

3. Enable access to the local network

If you want to access your local network while connected to the VPN, please configure the setting described below. **Warning:** This poses a security risk! Under no circumstances should you make this setting in an internet café!

- Left-click on the AnyConnect client icon in the taskbar and then click on the gear icon in the lower-left corner of the client window that opens (Fig. 3).



Fig. 3: Open client settings

- Go to the "Preferences" tab and then check the box labeled "Allow local (LAN) access when using VPN (if configured)" (Fig. 4).



Fig. 4: Allow access to the local network

4. Customizing the configuration

The Cisco AnyConnect VPN Client installer creates an autostart entry in the Windows registry so that the client starts immediately after every system startup or user login in Windows 8.1 and Windows 7. To remove this entry, please proceed as follows:

Windows 8.1

- Open Task Manager by pressing the "Ctrl," "Alt," and "Del" keys at the same time, then selecting "Task Manager."
- Expand the Task Manager view by simply clicking the arrow to the left of "More details."
- Select the "Cisco AnyConnect User Interface" entry in the "Startup" tab and disable it by left-clicking the "Disable" button in the lower-right corner (Fig. 5).



Fig. 5: Disable client autostart (Windows 8.1)

Alternative configuration option for Windows 8.1

- Download the appropriate .reg file from the RRZ website and run it on your computer.
- Once the file has been executed, reactivation is no longer possible, as described above.
- Download link for Windows 8.1 (64-bit):
<https://www.rrz.uni-hamburg.de/de/services/netz/daten/file/stop-ac31-autorun.reg>
- Download link for Windows 8.1 (32-bit):
<https://www.rrz.uni-hamburg.de/de/services/netz/daten/file/stop-ac31-autorun-32.reg>