

VPN connection with Ubuntu Linux

General:

You can access FH resources (network drives, actions, SAP,....) from external networks with the CiscoAnyConnect Secure Mobility Client.

Installation and configuration:

- 1.) You can get the vpn client from the following page: <u>https://vpn.fh-joanneum.at</u>
- 2.) Enter your FH user credentials and then click on "Login"



3.) Setup tries to install the Cisco software on your computer

| WebLaunch | Attempting to use Java for Installation | |
|----------------------------------|--|--|
| Platform Detection - ActiveX | Sun Java applet has started. This could take up to 60 seconds. Please wait | |
| - Java Detection | | |
| 🗇 - Java | | |
| - Download | | |
| - Connected | | |

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4.) If the automatic installation fails, you can get the client software from the download link as shown in the screenshot. Click on "AnyConnect VPN".

| 🕉 WebLaunch | Manual Installation |
|---|---|
| Platform Detection | Web-based installation was unsuccessful. If you wish to install the Cisco AnyConnect Secure Mobility Client, you may download an installer package. |
| - ActiveX | Install module(s) below in the listed sequence. Platforms supported: Linux x86 64 |
| Java Detection | AnyConnect VPN |
| - Java | Alternatively, retry the automatic installation. |
| - Download | |
| - Connected | |

5.) Wait until the download completes. Open the terminal and change to the download directory. Execute the following command: sudo sh vpnsetup.sh



6.) Click "Cisco AnyConnect Secure Mobile Client" to launch the software



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7.) If the AnyConnect fails to start you have to manually install the Linux package "libpagox-1.0-0". You can download the software under the following link: <u>http://packages.ubuntu.com/xenial/amd64/libpangox-1.0-0/download</u>

| libpangox-1.0-0 pango library X backend Installieren |
|--|
| Pango is a library for layout and rendering of text, with an emphasis on internationalization. Pango can be used anywhere that text layout is needed. however, most of the work on Pango-1.0 was done using the GTK+ widget toolkit as a test platform. Pango forms the core of text and font handling for GTK+2.0. Pango is designed to be modular; the core Pango layout can be used with four different font backends:- Core X windowing system fonts - Client-side fonts on X using the Xft library-Direct rendering of scalable fonts using the FreeType library - Native fonts on Microsoft backends This package contains the Core X backend. |
| Details |
| Version 0.0.2-5 |
| Quelle Ubuntu |
| Größe 169,0 kB |
| |

8.) Start AnyConnect, enter the name of the vpn service and then click "Connect"

Unfrei Drittanbieter

| Connection | Statistics | 🔒 About | |
|---------------|------------------------------|----------------|-----|
| | i i C | 111 11 ISCO | |
| Connect to: v | pn.fh-joanneur | n.at | • • |
| | | | |
| | | | |
| | (No. | Connect | |

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9.) Log in with you FH user credentials

| 😣 🗇 🗇 Cisco AnyConnect Secure Mobility Client | |
|---|------|
| 🗞 Connection 🚯 Statistics 🤮 About | |
| cisco | |
| Connect to: vpn.fh-joanneum.at | • 00 |
| Username: username | |
| Password: | |
| Connection Banner FH-JOANNEUM Gesellschaft mbH | |
| Connect | |

10.) You are now successfully connected to the FH network:

| 😣 🖱 💿 Cisco AnyConnect Secure Mobility Client | 😣 🔿 💿 Cisco AnyConnect Secure Mobility Client | |
|---|--|--|
| 🗞 Connection 🚯 Statistics 🔮 About | 🗞 Connection 🟮 Statistics 🔮 About | |
| cisco | cisco | |
| Connect to: von.fh-ioanneum at | Connection State: | Connected |
| Username: deutc Password: | Client Address (IPv4): Server Address: Client Address (IPv6): Bytes Sent: Bytes Received: Time Connected: | 10.21.1.58 91.229.57.241 Not Available 208 20572 00:01:06 |
| Connection Banner | | |
| FH-JOANNEUM Gesellschaft mbH | | |
| [™] α Disconnect | () Details | |
| Connected to vpn.fh-joanneum.at. | Connected to vpn.fh-joanneum.at. | |
| | | |