

# Remote login instructions

**Dear Participants,**

In order to ensure a smooth start of the computer lab, please make sure that you are able to login to our server environment. Therefore, we would like to ask you to log into the server **cbt04.cbt.tugraz.at** via the ThinLinc client once before the start of the course.

If you have a problem logging in, please email Klaus Schliep, PhD at: **klaus.schliep@tugraz.at**.

This document provides you with detailed information about all the necessary steps to log in for the first time. It also contains a section on how to log in via ThinLinc, the interface used in class. You can try this part before the course.

You will require the following things:

- A VPN connection.
- and the Cendio ThinLinc Client to log into the server.
- FileZilla to transfer data between the Server and your computer.

You can also use a SSH-Client (Terminal App) instead of the Thinlinc client.

Your TU-Graz Online and the TU-Graz eduroam login credentials. Please make sure you remember or write down your username and passwords (TU-Graz Online and eduroam login credentials). For lessons held at the computer lab please make sure you bring your log-in data along.

## VPN

You need a vpn client on your machine. VPN connectio If you have not one installed Windows and MacOS user can download one from <https://vpn.tugraz.at>. Linux user can use openconnect.

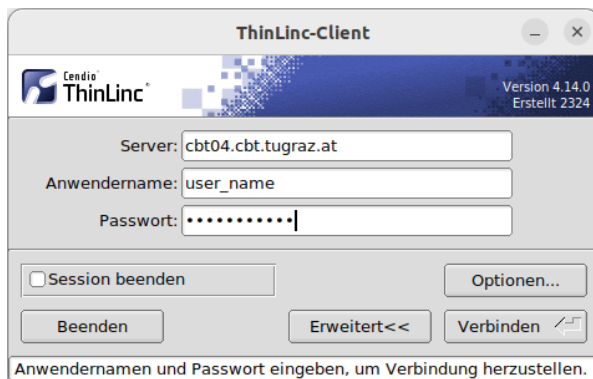
The login with your TU-Online account name as username, the first password is your eduroam password (TU Graz) and the second password is the 2FA-token <https://2fa.tugraz.at/>.

The screenshot shows a window titled "Connect to VPN 'VPN TU Graz'". At the top, there is a "VPN host" dropdown menu set to "vpn.tugraz.at" and a "Connect" button. Below this, the text "Technische Universitaet Graz, ZID" and "Graz Univ. of Technology, IT-services" is displayed. Further down, it says "Passwort (password): Netzwerkzugangskennwort (network access pw)" and "Zweites Passwort (2nd password): 2FA-Token". A "Login" label is centered. Below the login label, there is a "GROUP:" dropdown menu set to "TUGraz-Zweifaktor-Auth". There are two input fields: "Username:" containing "user\_name" and "Password:" containing "\*\*\*\*\*". Below these, there is another "Password:" label and a corresponding input field containing "\*\*\*\*\*". At the bottom left, there is a checkbox labeled "Save passwords". At the bottom right, there are "Cancel" and "Login" buttons. At the very bottom, there is a "> Log" link and a "Close" button.

## ThinLinc remote desktop connection

Connecting via the Cendio ThinLinc Client provides you with the very same graphical desktop environment as you will experience during the lab. In order to login from your home computer or notebook, you will need to download and run the installer from Cendio ThinLinc.

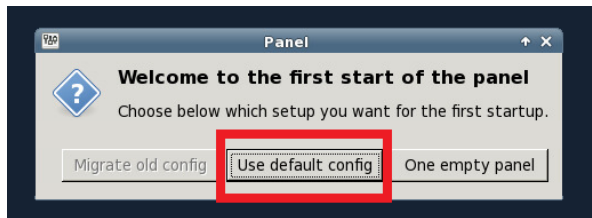
- Start the VPN.
- Download the client for your operating system from <https://www.cendio.com/thinlinc/download>.
- Run the installer.
- Run Cendio ThinLinc. A Login dialog will appear asking for a server and your login credentials.
- Enter **cbt04.cbt.tugraz.at** into the server field and login with your TU-Graz Online account name and password.



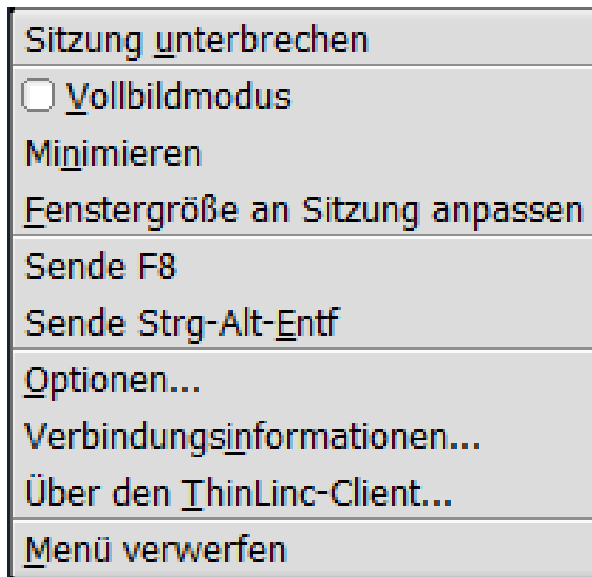
- A welcome dialog will appear when opening a new session. Click “Ok”.



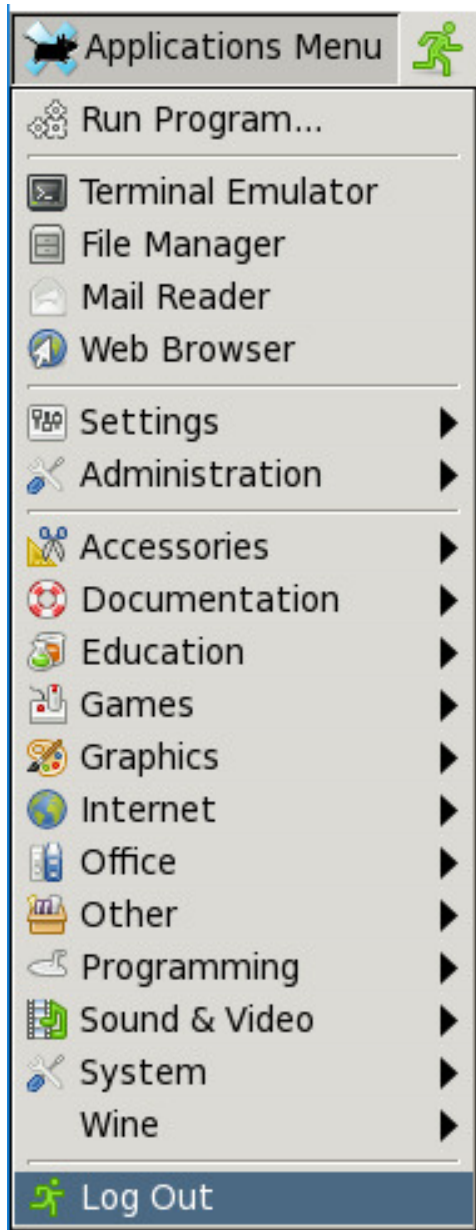
- **IMPORTANT:** A second dialog will appear when you log in for the first time: Make sure you select **“Use default config”**!



- Depending on how you close your session, you will be able to connect to it again or open a new one. In order to preserve your session, you have to logout via typing F8 and clicking on **“Sitzung unterbrechen”** or **“Disconnect”**. This way you will be able to continue your session regardless if you are connecting from home or the student lab. This means all your open programs, browser windows and command windows will stay open and you will find your desktop environment in the same state when you connect the next time.



- If you want to close your session permanently, click on “**Applications Menu**” and “**Log Out**”. This way all your open programs are terminated, and you will start with a fresh session the next time you login.



## FileZilla

To transfer data between the server and your computer download and install the **FileZilla Client** <https://filezilla-project.org/>.

Again you need to have turned on VPN to work with FileZilla. Enter **cbt04.cbt.tugraz.at** into the server field and login with your TU-Graz Online account name and password. Set the port filed to 22.

