


VPN client

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Available inside the MPI network at <https://kybinfo.kyb.local/confluence/x/w4EcAQ> and outside as static copy at <http://people.tuebingen.mpg.de/p/kyb-it/VPN-help.pdf>

You [applied for VPN access](#) and now need the VPN client on your computer or want to know what's next?

 To install the client, you need to have admin/root access to your machine.

Client installation (Win, Linux, Mac)

1. Go to <https://vpngw.tuebingen.mpg.de/> or <https://vpngw2.tuebingen.mpg.de/>
2. You will see a login dialog:



Enter your **Campus account** credentials, i.e. your LDAP/UNIX username (e.g. `aeinstein`) and [password](#).
The username/password is the same as for Nextcloud (do not use your email address!)


3. You will be forwarded to a 'Download & Install' web page for downloading the client for your system
 - a. Click on 'Instructions' if you need more information
4. **Download** the installer for your operating system and **install** the VPN client.
5. Once the client is installed, point it to `vpngw.tuebingen.mpg.de` or `vpngw2.tuebingen.mpg.de` and enter your Campus account credentials (e.g. `aeinstein`)

Ubuntu User

4. After downloading the *.sh file (e.g. to your `~/Downloads` folder), run the script:

```
sudo sh theFileName.sh
```

5. Run the VPN client from `/opt/cisco/anyconnect/bin/vpnui`

 In order to make host names ending with `.local` work on your private computer, you might have to edit `/etc/nsswitch.conf` and move 'dnss' in front of 'mdns'

Mac Users

As an alternative to downloading and installing the Cisco client software, you also use the built-in IPsec-based VPN client of MacOS: Just download [vpn-campus.mobileconfig](#) (original source from Campus IT) and double-click it (if it is not already being executed by your web browser). To use the second gateway (`vpngw.tuebingen.mpg.de`), download and install [campus2.mobileconfig](#).

This will use the native VPN functionality of OSX/MacOS and add a new network entry for the VPN connection. Eventually, you will find the VPN connection under Apple menu > System Preferences > Network See <https://support.apple.com/guide/mac-help/set-up-a-vpn-connection-on-mac-mchlp2963/mac> for more information.

Once VPN is established



Please use your VPN access carefully! Your computer is **fully connected** to the MPI internal network - any malware on your computer has access to the entire Campus network!
So please make sure to **keep your computer up-to-date and secure** before using VPN.

Also note that all your **network traffic might be routed through MPI** (VPNall), so please do not use any streaming or file sharing software and keep in mind that our campus firewall **keeps logs** on all outgoing network connections.

- To connect to a **Windows** machine that is integrated into our domain, use `hostname.mpi.localnet`, e.g. when using Remote Desktop
 - To log into the machine as domain user: enter `'mpi\ and your Campus/LDAP password.`
 - Note: If you are using **remote desktop on Windows 10**, please use the program called "*Remote Desktop Connection*", NOT the app "*Remote Desktop*" or similar (or simply search for `'mstsc.exe'`)
 - [Remmina](#) is a free software for Remote Desktop connections, available for various **Linux distributions**.
- To connect to a **Linux** machine, use `hostname.kyb.local` (or `hostname.local` if it is not only used by MPI-Kyb)



Some machines (mostly Ubuntu and older Macs) might have **problems connecting to *.local** because of **mDNS**. Users of Linux-based systems should look into `/etc/nsswitch.conf` and move the `mdns` entry towards the end of the line.

- For **Confluence**, you need to connect to `https://kybinfo.kyb.local` (or use the IP address `https://10.38.10.25/confluence` - and ignore the certificate warning)
- IF YOU HAVE A TERMINAL SERVER LICENSE for the AGPD **Windows Terminal Server**, connect to `kyb-ts.mpi.localnet` (IP 10.38.133.106) via Remote Desktop (your home directory will be available as drive H: (or U: for older accounts))
- Windows users with a FULL VPN CONNECTION ...
 - ... can directly access their **home directories** by entering `'\\kfs.kyb.local\ (or '\\uni.mpi.localnet\ for older accounts) into Windows explorer and log in as 'mpi\ and your LDAP Campus password.
 - kfs - IP 10.38.10.22
 - uni - IP 10.38.0.20`
 - ... access SAP eProcurement at <https://sbportal.sap.mpg.de/irj/portal>
 - Note: A full VPN connection is a security issue, hence we only grant it on a case-by-case basis. A good alternative is to use Remote Desktop to connect to your desktop machine at your workplace; from there you can access everything available on that machine, including your home directory, SAP, e-books, journals etc.

Alternatives to VPN

Note that you can also use ssh to connect to our network:

1. Connect to our gateway from your machine at home:

```
$ ssh cgw.tuebingen.mpg.de
```
2. From the gateway, connect onwards to your MPI machine

```
$ ssh myworkstation
```

See [Use ssh to connect to the MPI network](#) for more information.

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