

# VPN

The computing center provides a VPN connection for Windows, Mac and Linux computers. Smartphones are also supported.

No special client is needed to use the VPN access.

## Microsoft Windows

### Windows 10

Start / Settings (cogwheel) / Network and Internet / VPN / Add VPN connection.

- VPN provider: Windows (integrated)
- Connection name: Jade University
- Server name or IP address: whv-vpn1.hs-woe.de
- VPN type: L2TP/IPsec with pre-installed key
- Pre-installed key: jadehs
- Login information type: username and password.
- username: [Domain login](#) (form: ma1150@hs-woe.de)
- password: <your password>
- Save login information: activated



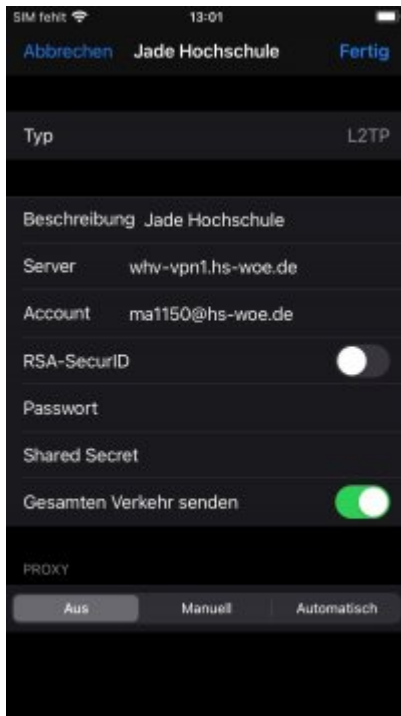
## Apple iOS

### iOS 14.3

Settings / General / VPN / Add VPN ...

- Type: L2TP
- Description: VPN Jade University
- Server: whv-vpn1.hs-woe.de

- Account: [domain login](#) (form: ma1150@hs-woe.de)
- RSA-SecurID: disabled
- Password: <your password>
- Shared Secret: jadehs
- Send all traffic: activated

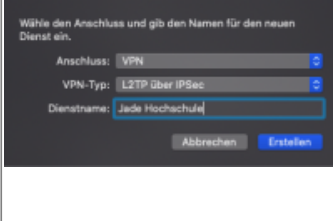
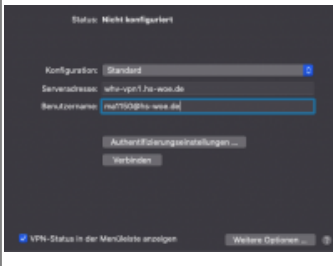
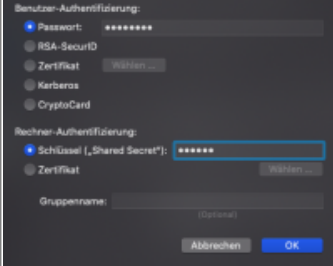



## Apple macOS

### macOS 10.15 Catalina / Big Sur

System settings / Network / +

- Connection: VPN
- VPN type: L2TP over IPSec
- Service name: Jade University
- Configuration: Standard
- Server address: whv-vpn1.hs-woe.de
- Username: [domain login](#) (form: ma1150@hs-woe.de)
- Authentication settings...
  - User authentication.
    - Password: <your password>
  - Computer authentication
    - Key (shared secret): jadehs
- Show VPN status in the menu bar: activated
- Other options ...
  - Send all traffic over VPN connection: activated

port / service name	Configuration	Authentication settings	Wfurther option
			

## Google Android

### Android 10

Settings / Network & Internet / Advanced / VPN / +.

- Name: Jade College
- Type: L2TP/IPSec PSK
- Server address: whv-vpn1.hs-woe.de
- L2TP key: (not used)
- IPsec ID: (not used)
- Pre-installed IPsec key: jadehs
- User name: [domain login](#) (form: ma1150@hs-woe.de)
- Password: <your password>
- Always-on VPN: disabled

## Linux

### GNOME 3

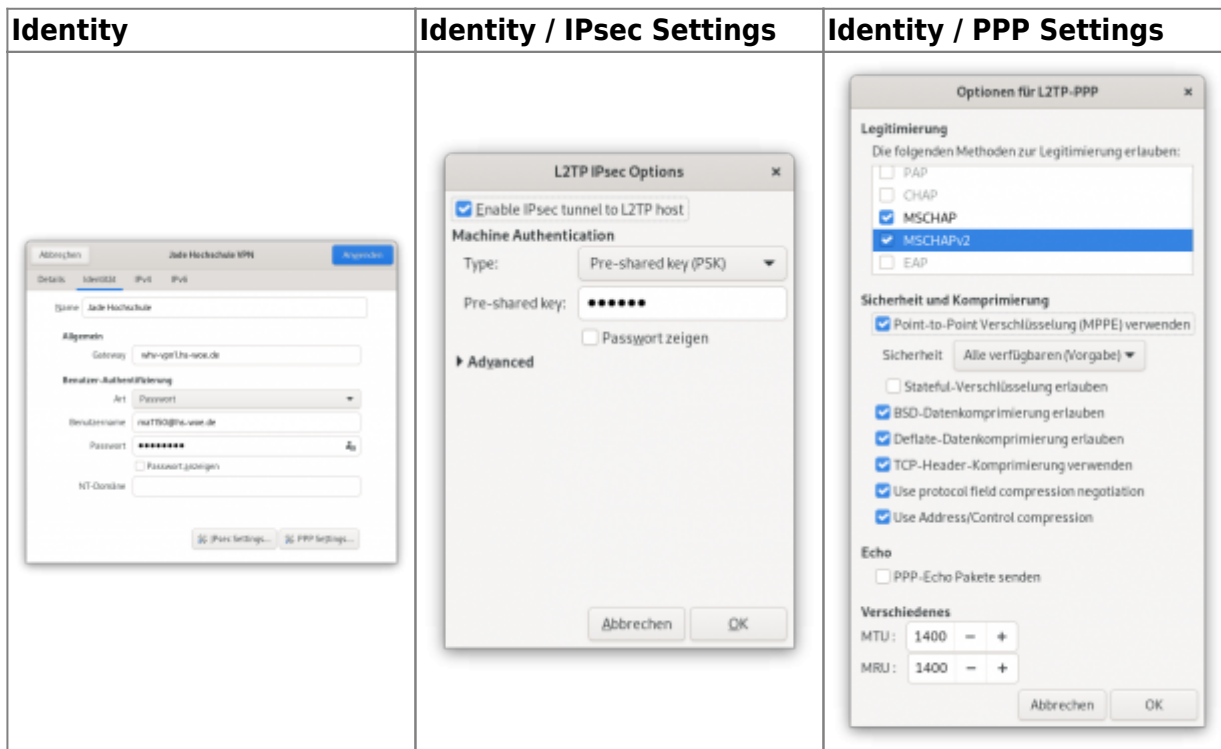
```
# Fedora
sudo dnf install NetworkManager-l2tp NetworkManager-l2tp-gnome

# Ubuntu
sudo apt install network-manager-l2tp network-manager-l2tp-gnome
```

Settings / Network / VPN / + / Layer 2 Tunneling Protocol (L2TP)

- Map identity
  - Name: Jade University
  - General
    - Gateway: whv-vpn1.hs-woe.de
  - User Authentication
    - Type: Password
    - Username: [domain login](#) (form: ma1150@hs-woe.de)
    - Password: <your password>
    - NT domain: <no entry>.
  - Button IPsec Settings...
    - Enable IPsec tunnel to L2TP host: activated.

- Type: Pre-shared key (PSK)
- Pre-shared key: jadehs
- Button PPP Settings...
  - Legitimization:
    - MSCHAP: activated
    - MSCHAPv2: activated
    - All others: disabled
  - Security and compression
    - Use Point-to-Point Encryption (MPPE): activated
    - Leave all other settings as they are



Further Information: <https://github.com/nm-l2tp/NetworkManager-l2tp>

From: <https://hrz-wiki.jade-hs.de/> - **HRZ-Wiki**

Permanent link: <https://hrz-wiki.jade-hs.de/en/tp/vpn/start>

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