

# VPN (Virtual Private Network) at the Free University of Bolzano/Bozen

## Infos regarding the usage of VPN

<http://www.unibz.it/en/ict/ComputerInternet/network/vpn/default.html>

## Instructions for Windows 2000, XP, VISTA and 7 - 32bit and 64bit

<http://www.unibz.it/en/ict/ComputerInternet/network/vpn/InstallationWindows.html>

## Instructions for MacOS X 10.4

<http://www.unibz.it/en/ict/ComputerInternet/network/vpn/InstallationMacOSX.html>

## Instructions for MacOS X 10.6

There is no need to install a Client, simply install (doubleclick) the following file:

[unibz.networkconnect.zip](#)

## Instructions for Linux Cisco AnyConnect Client (recommened)

### Installation

1. Open with your browser (tested with firefox 11.0) the following URL:

<https://vpn.scientificnet.org>

2. Enter your Username and password, then press **Login**

3. A "Warning - Security" Windows opens: This will install the Cisco AnyConnect

in /opt/cisco of your System

4. Press **Run**

5. In order to install Cisco AnyConnect, Admin (sudo) rights are required; a Window opens,

```
enter your local password.
```

6. The Cisco AnyConnect is installed and running, you can close the URL.

## Launching Cisco AnyConnect GUI

This allows you to connect and disconnect the VPN service.

```
/opt/cisco/anyconnect/bin/vpnui
```

## Uninstalling the client AnyConnect

The client comes with an uninstallation script

- `$ sudo /opt/cisco/vpn/bin/vpn_uninstall.sh`

However it doesn't actually uninstall everything properly, it removes files but leaves behind directories.

You can clean up what it leaves behind by deleting the directory `/opt/cisco/`

- `$ sudo rm -r /opt/cisco`

Per-user configuration is stored in your home directory in a file called `.anyconnect`

More infos to come like using OpenConnect...

## Instructions for Linux vpnc Client (fails to work since update to Cisco ASA)

1. Install vpnc

```
sudo aptitude install vpnc
```

2. Create configuration file `unibz.conf`.

Please Note: IPsec obfuscated secret ... needs to be on a single line.  
Replace `<your-windows-login>` with your username.

```
sudo vi /etc/vpnc/unibz.conf
```

```
#####  
IPsec gateway vpn.unibz.it  
IPsec ID Unibz  
IPsec obfuscated secret  
06294C134E0BEBDA4B449B56BFD305D35D12DABF4044EDB6794926C2CA6D5AEDFE6342DF190E
```

```
566EB11215DDC1591D5CB6ABEBEB593693C6D0B2077D78034B6AFEEA3221E77F4
C9858DD711AA8DE58F6
Xauth username <your-windows-login>
#####
```

apply this rights:

```
sudo chmod 600 /etc/vpnc/unibz.conf

sudo chown root.root /etc/vpnc/unibz.conf

sudo ls -l /etc/vpnc/unibz.conf
-rw----- 1 root root 250 2009-05-02 15:54 /etc/vpnc/unibz.conf
```

3. Start vpnc

```
sudo vpnc-connect unibz
```

This will first ask for your sudo password and then you <windows-password>

4. Stop vpnc

```
sudo vpnc-disconnect
```

## Shrew Soft VPN Client Instructions for 32 or 64 bit version of Windows 2000, XP, Vista and 7 (recommened)

1. Go to <http://www.shrew.net/home> and download latest stable release of Shrew Soft VPN Client for Windows: <http://www.shrew.net/download/vpn>
2. Download unibz profile (need to login with unibz login&password)  
<https://pro.unibz.it/vpn/profiles/unibz/Free%20University%20of%20Bozen-Bolzano.zip>
3. Install Shrew Soft VPN Client for Windows
4. Start Shrew Soft VPN Client, unzip unibz profile and Import in VPN client

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