

VPN – Linux earlier Ubuntu

without user agent option

VPN is short for **V**irtual **P**rivate **N**etwork and helps create a secure and encrypted connection via the public internet. A condition for setting up such a connection is an existing internet connection. Furthermore, the protocol should not be blocked by the local provider.

In addition to the encryption, the client is allocated an IP-address from the address range of the University of Bonn once a VPN connection is established. Thereby, you gain access to services that are otherwise restricted to University computers.

A VPN connection can only be created after successful **authentication** with the **Uni-ID of the University of Bonn**.

This VPN connection is necessary in the following cases:

- using the BONNET WiFi at the University of Bonn
- using the majority of literature databases and electronic journals (eMedia) from home or otherwise
- working from home

Please note that a service might be restricted further and that a VPN is not always sufficient for access.

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Setting up the VPN:

There are two different server, depending on the connection you want:

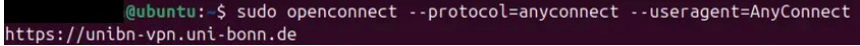
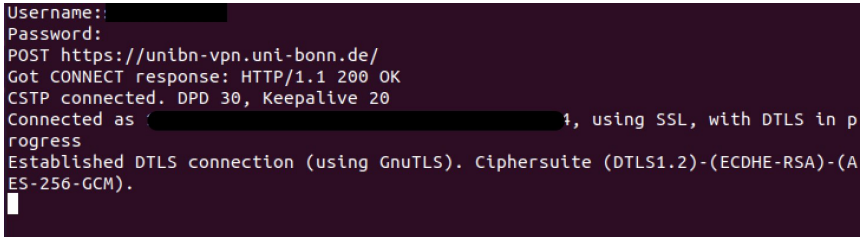
- **external** connections/ from home:
unibn-vpn.uni-bonn.de
- **internal** connections from within the university network:
unibn-wlan.uni-bonn.de

Installing openConnect

Instruction manual using openConnect via the terminal – graphic interface only available in the newer versions.

1	Open a terminal window with, for example, the key combination <STRG><ALT><T>.
2	Enter the following commands: <pre>sudo apt install network-manager-openconnect sudo apt install network-manager-openconnect-gnome</pre>
3	Enter admin password an install.
4	Now restart the computer.

Using the openConnect Client

1	Use the search function to search for “Terminal” and start it by pressing enter.	
2	<p>Once the terminal opens, enter the following:</p> <div data-bbox="240 539 644 835" style="border: 1px solid black; padding: 5px;"> <p>Openconnect Befehl</p> <pre>sudo openconnect -- protocol=anyconnect -- useragent=AnyConnect https://unibn- vpn.uni-bonn.de/</pre> </div> <p>Confirm this with Enter.</p>	
3	Enter your login information and confirm. Once you are connected the terminal should look like this.	
4	To disconnect, close the terminal window and press “ Close terminal ” at the pop-up warning.	

Further notes:

If you would like to use the VPN client within the university in order to be able to use certain services, you must create another VPN connection according to the instructions above.

All details are identical, except that the gateway must now be entered as: unibn-wlan.uni-bonn.de.