OpenVPN

Linux

VPN Connection for Externals

For use by: Externals
Version: 1.0
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Owner: SID-LIB/SSC ICT

TUDelft

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Installing OpenVPN for externals

Step 1. Install OpenVPN:
- RedHat/ CentOS/Fedora
  "*# yum install openvpn*"
- Debian/Ubuntu
  "*# apt-get update && apt-get install openvpn*"
- Suse/OpenSuse
  "*# zypper in openvpn*"

Step 2. Download the OpenVPN security certificate with client configuration from the location you received in the mail, together with you login credentials from:

http://bastion-externen.tudelft.nl

Step 3. Open the terminal and enter the following:

"*# sudo /usr/sbin/openvpn ~/Downloads/opvn-client-certificate-name.ovpn*"

You will first be asked for your local password in order to run sudo. Then you will be asked for a username (which is the one received in the email) followed by the password.

Step 4. Check the connection status:
In another terminal enter the following command:

"*# /sbin/ifconfig*"

The returned message is as follows:

tun0: flags=4305<UP,POINTOPOINT,RUNNING,NOARP,MULTICAST> mtu 1500
*   inet 10.1.0.2 netmask 255.255.0.0 destination 10.1.0.2*
*   unspec 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00 txqueuelen 100 (UNSPEC)*
*   RX packets 0 bytes 0 (0.0 B)*
*   RX errors 0 dropped 0 overruns 0 frame 0*
*   TX packets 0 bytes 0 (0.0 B)*
*   TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0*

You should now have an extra interface with the name tunX. You are ready to setup a connection to the desired server with for instance SSH or RDP.