

S04 – SIMPLer Operatons Open VPN Access User's Guide

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1. Introduction

The purpose of this document is to provide an overview on how to setup an OpenVPN client on your PC, which will allow access to your various subnets, via the Azotel SIMPLer server.

Note that there are both MAC and Windows clients available. This document focuses on the Windows version, but the process is the same on the MAC.

2. OpenVPN

- 1) Download the OpenVPN client to your PC from www.openvpn.net.

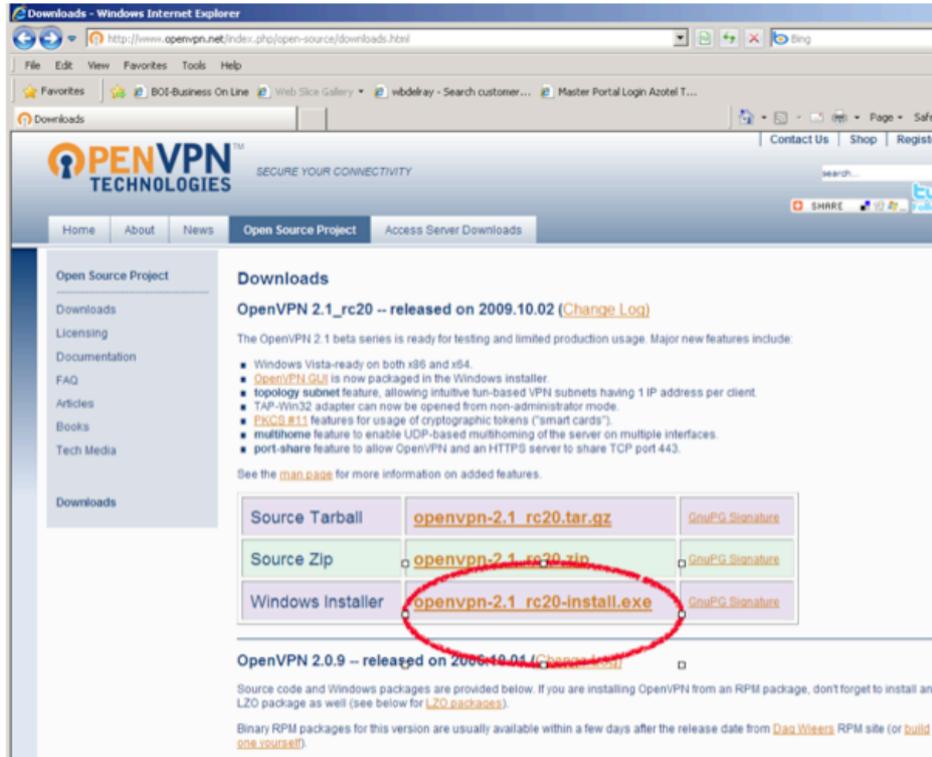


Fig 2-1: "www.openvpn.net" download

- 2) Install the OpenVPN client and you should see above upon completion.

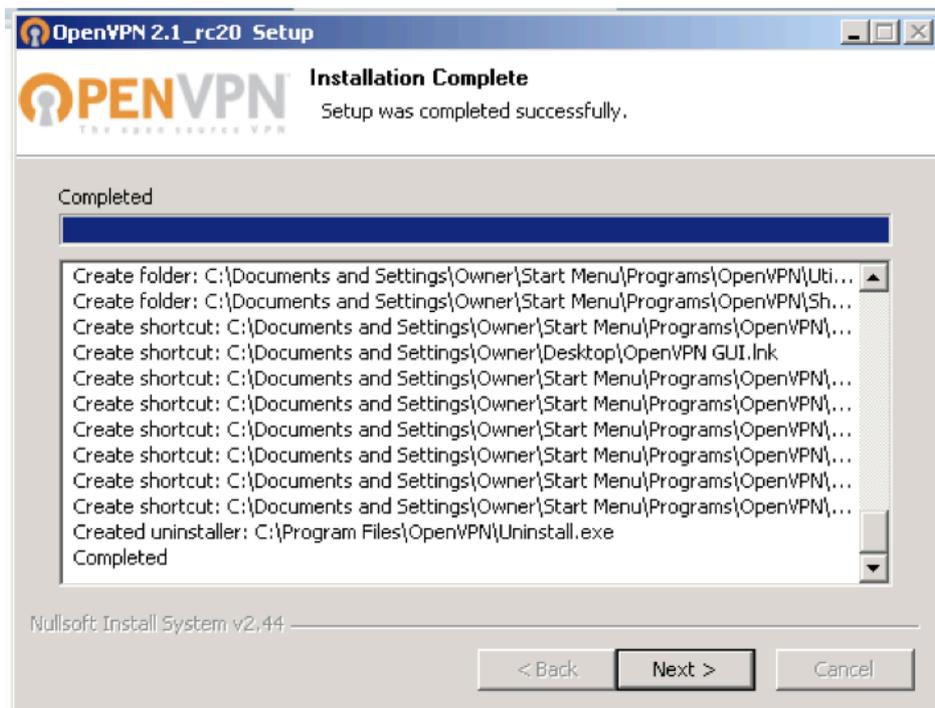


Fig 2-2: Install VPN client

3) Run OpenVPN and you will see an icon appear as per Fig 2-3 below.



Fig 2-3: OpenVPN icon (Windows)

4) Upload specific config files - The final part of the process requires that we place in the OpenVPN config folder the appropriate configuration files to allow the specific access that "you" require.

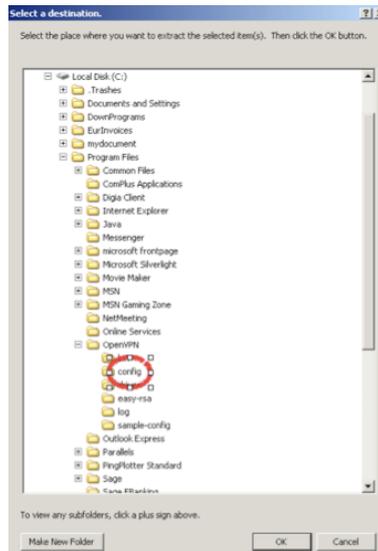


Fig 2.4: OpenVPN icon (Windows)

You will receive a ZIP file from Azotel which contains the required configuration files for your connection. Choose the option to EXPAND/EXTRACT these files to the location C:\Program Files\OpenVPN\Config as per Fig 2.4 above.

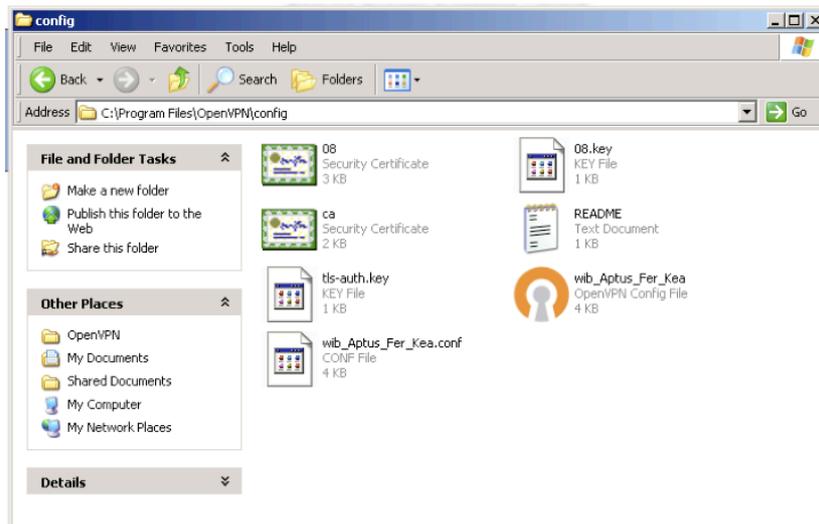


Fig 2-5: OpenVPN Config files

Upon uploading files, config folder will contain files as per Fig 2.5

5) Start/Restart OpenVPN



Fig 2-6: OpenVPN icon (Windows)

Restart OpenVPN or double-click on the OpenVPN icon. Icon should change from red to yellow to green. Once green, VPN is established and you should now be able to connect to your network.

3. OpenVPN – Windows 8

Note that certain versions of the openVPN GUI are not stable on Windows 8 resulting in connection drops.

The recommended version that is stable can be downloaded from the following link:

http://swupdate.openvpn.org/community/releases/openvpn-install-2.3.2-I006-x86_64.exe

NOTE:

- openVPN must be "run as administrator" otherwise it will not add the routes to the laptop.
- OpenVPN icon must be green - if it is green it says that connection is established. Otherwise there is something wrong. OpenVPN may get locked when you switch your network connection. If it happens the only way to restart it cleanly is to remove any openvpn deamons from the task manager OR restart the laptop.
- You can also verify what is the status of the connection by looking at the routing table by typing "route print" in the command terminal or look at the TAP interface status. If openvpn is disconnected then TAP interface (under "Manage Network Adapters") would be marked with red X and would say "network cable unplugged". If it looks differently when openvpn is disconnected then it means that openvpn has locked.

4. OpenVPN – Windows 10

OpenVPN for Windows 10 can be downloaded from the following links (The first being 32-bit version and second 64-bit version):

Windows 10 (32-bit) - <https://swupdate.openvpn.org/community/releases/openvpn-install-2.3.10-I604-i686.exe>

Windows 10 (64-bit) - https://swupdate.openvpn.org/community/releases/openvpn-install-2.3.10-I604-x86_64.exe

NOTES:

- The installation process does not change for Windows 10. Follow the installation instruction outlined in “Section 2 – OpenVPN”, skipping point 1. Instead copy and paste one of the links above (Windows 10 (32-bit) or Windows 10 (64-bit)) whichever is appropriate for your system, to the internet browser address field and the download should start.
- The rest of the installation should be the same (as outlined in “Section 2 – OpenVPN”). During the installation the installer might ask to install TAP, which should be accepted in order for everything to work correctly.
- OpenVPN must be run as “administrator”. It needs admin privileges to add routes to the system routing table.
- OpenVPN icon on the taskbar menu must be green in order for the connection to be established. If the icon is red, it means something went wrong.
- As in Windows 8 you can verify the connection status by typing “route table” in command terminal or by looking at the TAP interface status (Network and sharing Centre - change adapter setting and look for TAP interface).

5. Conclusions

Any questions/queries/suggestions, please email support@azotel.com

Annex A: Change history

Change history				
Date	Author(s)	Subject/Comment	Old	New
30 Oct 2009	oharej	Initial Version	n/a	001
12 Sept 2012	klaudia	Formatting	001	002
13/Jun/13	Paul	Changed doc's title, copyright and correct year, doc num on all pages	002	200
20/Aug/14	Pawel	Windows8 Updates	200	201
05/May/16	Kamil	Windows10 Updates	201	202

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