Inventech Australia Pty Ltd

Inventech OpenVPN Client Installation Manual

03 Dec 2012

V2.3



Table of Contents

Introduction	2
OpenVPN Client Installation	2
Uninstallation of OpenVPN Client	

Introduction

- 1. This instruction explains how to setup the OpenVPN Client in Microsoft Windows based computer.
- 2. This instruction is written for Windows 7 environment. However no significant differences are noted for other windows operating systems such as XP or Vista.

OpenVPN Client Installation

- 1. The supplied CD-ROM contains the OpenVPN Client installation executable.
- 2. Run "openvpn-install-2.3_rc1-I003-i686.exe" by double clicking the executable in Windows Explorer.

NOTE: This is for Windows 32 bit system. If you use a 64-bit Windows, please use the file" openvpn-install-2.3_rc1-I003-x86_64.exe"

3. The User Account Control security query may appear. This depends on the security settings of the PC. (ignore the version shown in the screen shot below)



4. Select Yes to the security query to proceed.

5. Select Next to continue with installation.

OpenVPN 2.3_rc1-I003 S	etup			
	License Agreement Please review the license terms before insta 2.3_rc1-I003.	alling OpenVPN		
Press Page Down to see th	e rest of the agreement.			
OpenVPN (TM) An Open	Source VPN daemon	•		
Copyright (C) 2002-2010 ()penVPN Technologies, Inc. <sales@openvpn< th=""><th>.net></th></sales@openvpn<>	.net>		
This distribution contains m of which fall under differer or any of the bundled com agree to be bound by the each respective componen	ultiple components, some t licenses. By using OpenVPN ponents enumerated below, you conditions of the license for t.			
OpenVPN trademark		-		
If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install OpenVPN 2.3_rc1-I003.				
Nullsoft Install System v2.46-1	01			
	< <u>B</u> ack I Agre	e Cancel		

6. Accept license agreement to proceed.

OpenVPN 2.3_rc1-I003 Setup		x			
PENVPN Charles the second se	oose Components noose which features of OpenVPN 2.3_rc1-I003 you wan stall.	t to			
Select the components to install/upgrade. Stop any OpenVPN processes or the OpenVPN service if it is running. All DLLs are installed locally.					
Select components to install:	OpenVPN File Associations OpenSSL Utilities OpenVPN RSA Certificate Management Scripts Add OpenVPN to PATH Add Shortcuts to Start Menu Opendencies (Advanced)	4 III			
Space required: 4.3MB	Description Add OpenVPN shortcuts to the current user's Start Menu.				
Nullsoft Install System v2,46-101 -	< <u>B</u> ack Next > Car	ncel			

7. By default all the components are selected for install. <u>Make sure all the components are</u> <u>selected</u> and select Next.

OpenVPN 2.3_rc1-I003 Setup				
Choose Install Location Choose the folder in which to install OpenVPN 2.3_rc1-I003.				
Setup will install OpenVPN 2.3_rc1-I003 in the following folder. To install in a different folder, dick Browse and select another folder. Click Install to start the installation.				
Destination Folder C:\Program Files\OpenVPN Browse				
Space required: 4.3MB Space available: 331.1GB				
Nullsoft Install System v2.46-101 < Back				

8. Choose destination folder and select "Install".

OpenVPN 2.3_rc1-I003 Setup
Installing Please wait while OpenVPN 2.3_rc1-I003 is being installed.
Service INSTALL
Extract: dient.ovpn 100% Extract: server.ovpn 100% Create folder: C: \Program Files\OpenVPN\\og Create folder: C: \ProgramData\Microsoft\Windows\Start Menu\Programs\OpenVPN\ Create shortcut: C: \ProgramData\Microsoft\Windows\Start Menu\Programs\OpenVPN\S Create folder: C: \ProgramData\Microsoft\Windows\Start Menu\Programs\OpenVPN\S Create shortcut: C: \ProgramData\Microsoft\Windows\Start Menu\Programs\OpenVPN\S Create shortcut: C: \ProgramData\Microsoft\Windows\Start Menu\Programs\OpenVPN Create shortcut: C: \ProgramData\Microsoft\Windows\Start Menu\Programs\OpenVP Service INSTALL
Nullsoft Install System v2.46-101 < Back

9. It may request to confirm the installation of the TAP-Win32 network adapter. Select "Install" for this.

Windows Security	3
Would you like to install this device software?	
Publisher: OpenVPN Technologies, Inc.	
Always trust software from "OpenVPN Install Don't Install Don't Install	
You should only install driver software from publishers you trust. How can I decide which device software is safe to install?	

10. Once the installation is completed, select Next.

OpenVPN 2.3_rc1-I003 Setup	
Installation Complete Setup was completed successfully.	
Completed	
Output folder: C:\Program Files\OpenVPN\bin Extract: liblzo2-2.dll 100% Output folder: C:\Program Files\OpenVPN\bin Extract: libpkcs11-helper-1.dll 100% Output folder: C:\Program Files\OpenVPN Extract: icon.ico 100% Output folder: C:\Program Files\OpenVPN\doc Extract: license.txt 100% Created uninstaller: C:\Program Files\OpenVPN\Uninstall.exe Completed	4 III
Nullsoft Install System v2.46-101 ———————————————————————————————————	Cancel

11. Select Finish to complete the installation.



- 12. In Windows 7 or Vista, the OpenVPN Graphical User Interface (GUI) needs to be executed as the administrator.
- 13. On the desktop, "OpenVPN GUI" short cut should appear after installation. Right click this and select Properties. Then select "Compatibility" tab.

Security	Deta	ilo	Prov	ious Vorsi	
General	Shortcut	Comp	atibility	File H	lashes
If you have probl an earlier version matches that ear <u>Help me choos</u> Compatibility me	ems with this prog of Windows, sel lier version. <u>e the settings</u> ode rogram in compat	gram and it act the con tibility mod	worked cor mpatibility mo	rectly on ode that	
Windows XF	(Service Pack 3)	Ŧ		
Run in 25	6 colors				
Disable vi	0 x 480 screen re sual themes	solution			
📃 Disable de	sktop compositio	n			
📃 Disable di	splay scaling on h	nigh DPI se	ettings		
Privilege Level	rogram as an adr	ninistrator			
Change se	attings for all user	S			
			Canad		Apply

- 14. Make sure Privilege Level Run this program as administrator is ticked.
- 15. Select Apply.
- 16. The supplied CD ROM contains configuaration and key files under the directory "config". Copy the files in this directory to the directory C:\Program Files\OpenVPN\config. In this instance the destination file path is given assuming the default installation location.

Good Computer → Windows7_OS (C:) → temp_files → OpenVPN → co	nfig	👻 🍫 Search config	٩
Organize 🔻 💼 Open Burn New folder			:= • 🚺 🔞
🔒 WinPcap	*	Name	Date modified
Direshark		🗔 ca	25/09/2011 5:12 AM
Pudgalika		cybertec_client	23/10/2011 6:43 AM
Pudgalika_temp		🙀 efw-1292703825	11/07/2011 6:07 AM
		🖻 inventech	11/07/2011 6:48 AM
A temp files		🛱 pcclient1	25/09/2011 5:12 AM
Chen/Phi		pcclient1.csr	25/09/2011 5:12 AM
		pcclient1.key	25/09/2011 5:12 AM
easy-rsa			
Dig TFTP-Root	Ξ		
🛛 🛄 Users			
Windows	Ŧ	•	Þ.
7 items selected Date modified: 11/07/2011 6:07 AM - 2 Date created Size: 14.7 KB	: 13/0	2/2012 7:03 AM	

17. Run the OpenVPN GUI by double clicking the desktop icon. (Ignore the version shown in the screenshot below)

😗 Use	r Account Control				
1	Do you want to allow the following program from an unknown publisher to make changes to this computer?				
	Program name: Publisher: File origin:	openvpn-gui-1.0.3.exe Unknown Hard drive on this computer			
💌 s	how <u>d</u> etails	Yes No			
		Change when these notifications appear			

- 18. Select "yes" to user access control.
- 19. The OpenVPN GUI icon should appear in the system tray.



20. Right click on this icon and select the remote end that you need to connect to and select Connect.

OpenVPN - User Authentication				
Username:				
Password:	I			
ОК	Cancel			

- 21. Enter the user name and password.
- 22. The status window should appear.

Some VPN Connection (cybertec_client)	- O X
Current State: Connected	
Fri Feb 17 08:46:12 2012 OpenVPN 2.2.1 Win32-MSVC++ [SSL] [LZ02] built on Jul 1 2011 Fri Feb 17 08:47:40 2012 WARNING: No server certificate verification method has been enabled Fri Feb 17 08:47:40 2012 LZ0 compression initialized Fri Feb 17 08:47:41 2012 UDPv4 link local: [undef] Fri Feb 17 08:47:41 2012 UDPv4 link local: [undef] Fri Feb 17 08:47:41 2012 UDPv4 link remote: 203.42.93.237:1194 Fri Feb 17 08:47:41 2012 WARNING: this configuration may cache passwords in memory use t Fri Feb 17 08:47:43 2012 TAP-WIN32 device [Local Area Connection 2] opened: \\.\Global\{A3 Fri Feb 17 08:47:43 2012 AD-WIN32 device [Local Area Connection 2] opened: \\.\Global\{A3 Fri Feb 17 08:47:43 2012 Notified TAP-Win32 driver to set a DHCP IP/netmask of 10.8.125.6/29 Fri Feb 17 08:47:43 2012 Successful ARP Flush on interface [26] {A32EAC79-0AFA-455A-99B3- Fri Feb 17 08:47:48 2012 Initialization Sequence Completed	d. See http://o defined scripts i the auth-nocac 32EAC79-0AFA 55.255.255.252 -083805E2802i
< III	•
Disconnect	Hide

23. Now the computer is connected to the remote network through the VPN.

Creating/Changing the Password of the Key

- 24. The initial key released has no password set. The users are encouraged to set a password for better security. This password is used to access the key locally in your VPN client.
- 25. Disconnect the VPN, if it is currently connected.
- 26. Right click on the OpenVPN GUI icon and select the remote end that you need to connect to and select Change Password.
- 27. Enter the old password and the new password. At the first time the old password will be blank.



- 28. Select OK.
- 29. Make sure password changed message appears.



30. Select OK.

Uninstallation of OpenVPN Client

31. Select Start->All Programs->OpenVPN->Uninstall OpenVPN

😯 User Account Control				
	Do you want to allow the following program from an unknown publisher to make changes to this computer?			
	Program name: Publisher: File origin:	Uninstall.exe Unknown Hard drive on this computer		
Show <u>d</u> etails		Yes No		
		Change when these notifications appear		

32. Select Yes to User Access Control query.

OpenVPN 2.2.1 Uninstall						
COMPARISON OF A CONTROL OF A CO						
OpenVPN 2.2.1 will be uninstalled from the following folder. Click Uninstall to start the uninstallation.						
Uninstalling from:	C:\Program Files\OpenVPN\					
Nullsoft Tostall System v	v2 46					
Nalison Caristali System	Uninstall	Cancel				

33. Select Uninstall.

Page 11



34. Once completed select Next.

OpenVPN 2.2.1 Uninstall				
	Completing the OpenVPN 2.2.1 Uninstall Wizard OpenVPN 2.2.1 has been uninstalled from your computer.			
	Click Finish to close this wizard.			
	< <u>B</u> ack Finish Cancel			

35. Select Finish to end uninstall.