

Guide for Windows users to Access the NISER Campus LAN at Jatni through by Tunneling through

Purpose:

To support staff, students and faculty members who may be conducting work either remotely or without a direct connection to the institute's network. Whilst the use of a secure virtual private network (VPN) will provide better assurances against the potential of data leakage than previously offered, it will not, however, ensure that data is completely safe, as various forms of malware and keyloggers could still be active. Computer Centre strongly advocate that any device used to undertake any work of the institute must be completely up to date with operating system and application security patches as well as having an anti-malware product installed and active. If you are working with personal, confidential or commercially sensitive data, you must ensure that you are using a secure connection (VPN), especially if you are using an unsecured public network, such as in a hotel or train station or airport. You should not connect to any unsecured wireless network unless you are sure of its



1. Download the latest version of FortiClientVPN from fortinet.com site for windows OS. You may download the installer from this link:

https://www.niser.ac.in/docs/FortiClientVPNOnlineInstaller.exe

Please install the above and then do the following:

Give a name to the connection. Give the Server Address: **103.160.128.1** with port **10443**, give your username and password (your own WiFi access credentials or shell account credentials for home folder access) for SSL-VPN. Then click Connect to access the NISER Campus LAN resources.

You may also try the steps given below:

1. Download the tar ball for Forticlient SSL VPN Client installation on Windows from this link:

For 64 bit Windows:

https://www.niser.ac.in/docs/sslvpnclient64pkg_4.4.2332.tar.gz

For 32 bit Windows:

https://www.niser.ac.in/docs/sslvpnclient32pkg_4.4.2332.tar.gz

Then extract the tar ball using any compression/decompression software like Winzip, 7-Zip, WinRAR, etc. with option **Extract to sslvpnclient64pkg_4.4.2332**^a



2. Then double click on the extracted folder "sslvpnclient64pkg_4.4.2332".



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 Then install the application named SslvpnClient.exe (*Run as Administrator*). When done close the window from Close button. Right click >> Run as administrator OR Double click >> Run as administrator

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4. Click on Install. The installation of SSL VPN Client software shall start.

6	FortiClient SSLVPN Installer	×
12	SslvpnInstaller 4.0.2332 (C) 2004 - 2016 Fortinet Inc. All rights reserved.	
This in Please Click 1	staller will install FortiClient SSLVPN Software. close all web browsers before starting install. nstall ^e to continue.	
		Close



局	FortiClient SSLVPN Installer	×
12	SslvpnInstaller 4.0.2332 (C) 2004 - 2016 Fortinet Inc. All rights reserved.	
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	Install Close	

s.	slvpnInstaller 4.0.2332 i) 2004 - 2016 Fortinet Inc. All rights reserved.	
	FortiClient SSLVPN v4.0.2332	-
- 13	Please wait while Windows configures FortiClient SSI VPN v4.0.2332	^
s 🚺		
S 🗍 Extr MSI	Cancel	

5. a) If you are installing a fresh Forticlient SSL VPN installer then you will get the following screen and click "Close".



帰	FortiClient SSLVPN Installer	×
17	SslvpnInstaller 4.0.2332 (C) 2004 - 2016 Fortinet Inc. All rights reserved.	
Dir	n = U:\Program Files (x86)\Portinet\SslvpnUlient\forticontrol.dll er = 4.0.2332	^
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Done!		~
Cop	y Message Install Clos	e

b) **OR** if you are upgrading from previous version then you may be asked to restart your device as follows and "**Yes**" button has to be clicked to reboot the device and thereby completing the installation.

		Forti	Client SSLV	/PN v4.0.2332	×		
s 	Time	You must rest changes mad take effect. C to manually re	art your system le to FortiClient lick Yes to rest estart later.	for the configuration SSLVPN v4.0.2332 to art now or No if you plan		132	^
Extr		⇒□	Yes	No			

6. Run the application [Start >>Programmes >>FortiClient SSL VPN]





7. Then Click on Settings...



FortiClient SSLVPN	<u></u> 1	×
		1
	LA.	-
	- 18888	
Connection Name:		•
Server Address:		
Username:		
Password:		
Client Certificate:		¥
Connection		
Status: Disconnected Byt	es Sent:	0
Duration: 00:00:00 Byt	es Received:	0
Settings		E vit

8. a) Then click on **New Connection...** and fill as shown below.

lobal Settings	
Keep connection alive until manually stopp	bed
onnections	
Connection Name Description	New Connection
	Edit
	Delete
c	
Settings of selected connection	
Connection Name:	
Description:	
Server Address:	
Do not warn about se	erver certificate validation failure
User Name:	
Password:	
Client Certificate:	

b) Give a name to the connection. Give the Server Address: **103.160.128.1** with port **10443**, give your username and password (your own WiFi access credentials or shell account credentials for home folder access) for SSL-VPN.



	New Connection Settings
Connection Settings	
Description:	
Server Address:	103 150 128 1:10443
	Do not warn about server certificate validation failure
Licer Name:	
Decement.	
Client Certificate:	
Client Certificate:	

9. Then click on choose a 'connection', provide password and click Connect.

Connection Name D	escription	New Connection
NISER_VPN		Edit
		Delete
4	>	
Settings of selected co	onnection	
Connection Name:	NISER_VPN	
Description:		
Server Address:	103.160.128.1:10443	
	Do not warn about server certificate valida	ation failure
User Name:	user	
Password:	******	
Client Certificate:		



O I	FortiClient SSLVPN	- 🗆 🗙		
Connection Name:	NISER_VPN,	×		
Server Address:	103.160.128.1:10443			
Username:	user			
Password:	******			
Client Certificate:		Ý		
Connection	-			
Status: Disconn	ected Bytes Sent:	0		
Duration: 00:1	00:00 Bytes Received:	0		
Settings	<u>Connect</u> <u>D</u> isconnect	<u>E</u> xit		

10. Click on **Yes** in Security Alert box.

.unity /					
£	This page requires a secure connection which includes server authentication.				
	The Certificate Issuer for this site is untrusted or unknown. Do you wish to proceed?				

11. Now you are connected. Status should show "Connected". "Bytes Sent" and "Bytes Received" should increase with time.

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M				
Connection Name:	NISER_VPN V			
Server Address:	103.160.128.1:10443 User			
Username:				
Password:				
Client Certificate:				
Connection				
Status: Conn	ected Bytes Sent: 🗾 🔫 43,058			
Duration: 00:1	00:10 Bytes Received:			
Settings	Connect Disconnect Exit			