How to Setup Global VPN Client (GVC)

In this document, we shall see the following:

- 1. Installing the VPN client software on your laptop/PC.
- 2. Connecting to the campus network using the VPN client software.

Important Note to Windows 7 users : Please ensure that you have installed the Windows 7 update patch before installing GVC Client. Download the appropriate patch from the following location:

64 Bit Patch : https://intranet.cb.amrita.edu/download/VPN/Windows6.1-KB3033929-x64.msu

32Bit Patch : https://intranet.cb.amrita.edu/download/VPN/Windows6.1-KB3033929-x86.msu

INSTALLING THE GVC CLIENT

To install GVC using the setup wizard, follow these steps:

1. Download the self-extracting installer, GVCSetupXX.exe (where XX is either 32 for 32-bit Windows platforms or 64 for 64-bit Windows platforms) from the following link :

http://intranet.cb.amrita.edu/download/VPN/GVC/GVCSetup64.exe

http://intranet.cb.amrita.edu/download/VPN/GVC/GVCSetup32.exe

2. Double-click GVCsetup.exe to launch the Setup Wizard.



3. Click Next to continue installation of the VPN Client. The License Agreement page displays.



 Click 'Next >' on the Installation Folder Selection page. Optionally, to specify a custom installation location, click 'Browse' and select the appropriate directory in your laptop/PC. Select 'Everyone' in the installation mode and click 'Next >' to proceed.

령 Global VPN Client	
SONIC	
The installer will install Global VPN Client to the following folder. To install in this folder, click "Next". To install to a different folde Eolder:	
C:\Program Files\SonicWall\Global VPN Client\	B <u>r</u> owse
	<u>D</u> isk Cost
Install Global VPN Client for yourself, or for anyone who uses	this computer:
C Just me	
Cancel	< Back

5. Click 'Next >' to continue with the installation



B Global VPN Client			
	bal VPN Client		
Global VPN Client is being installed.			
Please wait			
	Cancel	< <u>B</u> ack	Next >

Blobal VPN Client	
SONIC	
Global VPN Client has been successfully installed.	
Click "Close" to exit.	
	1. [
Cancel < <u>B</u> ack	

- 6. Click 'Close' to exit the installation wizard.
- 7. Launch the Global VPN Client software.

New Connection Wizard	
SONICWALL	Welcome to the New Connection Wizard
	This wizard will guide you through the process of adding a new connection to your configuration.
	-
	To continue, click Next.
	< Back Next > Cancel

8. Select Remote access and click Next

way.
way.
Next > Cancel

9. In the IP address or Domain Name, enter the IP address of the Campus Firewall.

The order of preference of IP address is as follows :

14.139.187.130 139.167.58.78 43.250.42.14

Please try to connect to the next IP address only if you are unable to reach the previous IP address.

In the 'Connection Name' you can either type in the IP Address again or you can use your own name to identify this connection. (Eg. AmritaCampus)

ew Connection To set up a new connection, s	specify the gateway's domain name or IP address.
Specify the domain name or IF	address of the security gateway.
IP Address or Domain Name:	14.139.187.130
You may also specify a name f	for this connection.
Connection Name:	14.139.187.130
To continue, click Next.	

10. Check the checkbox of 'Create a desktop shortcut for this connection' and Click Finish.



nable 🔍 Status	+ × ✓ Properties	5 Show Log
ne	Peer	Status
139.187.130	14.139.187.130	Disabled

11. Click Enable

ile View Help Enable 🤍 Status	+ × < Properties	🥵 Show Log
Name Enable(Ctrl+B)	Peer	Status
14.139.187.130	14.139.187.130	Disabled

12. Enter the preshared secret key 'sonicwallvpn' for the connection. You click on the checkbox to make the secret key visible. Once the preshared key is entered, the connection will be initiated and the system will request for your username and password.



File View Help Disable Status	+ × V Properties	Show Log
Name	Peer	Status
14.139.187.130	14.139.187.130	Authenticating
		-

13. Enter the **username** and **password** for the connection. The username is your official email ID without the '@' part. (Eg. If your email ID is r_rajan@cb.amrita.edu, your username is r_rajan). The password is the Domain Controller password which is normally used to login to your computer or campus WiFi or CMS.

Ucompanie / Dacqueerd	
peer requires that you log in with a	username and
	ed to you by
<domain username=""></domain>	
•••••	
er does not allow saving of usernam	e and password
	Cancel
	r Username / Password peer requires that you log in with a sword. your username and password assigne administrator. <domain username=""> ••••••••••••••••••••••••••••••••••••</domain>

- 14. If you are not prompted for the Pre-Shared Key and then the username and password, Please make the following changes as shown in the screen shot and then try to connect.
 - a. Please click on the Sonicwall Global VPN client "Properties"

Enable Status + × ✓ Properties Show Log Name Peer Status 14.139.187.130 14.139.187.130 Disabled For Help, press F1 43.250.42.14 Peer Defined Network Other traffic allowed: Default traffic tunnelee Use vitual IP address. In the 'connection Nam	s X
Name Peer Status 14.139.187.130 14.139.187.130 Disabled For Help, press F1	ation Peers Status
For Help, press F1 For Help, press F1 43.250.42.14 Please try to connect to t the previous IP address. In the connection Nan Name: [4.139.13/13 Description: Peer Defined Network Other traffic allowed: Default traffic allowed: Default raffic	settings for this connection.
For Help, press F1 43.250.42.14 Please try to connect to t the previous IP address. In the connection Nan	0
For Help, press F1 Other traffic allowed: 43.250.42.14 Other traffic allowed: Default traffic tunneled Use virtual IP address. In the Connection Nan Automatically recom	
Please try to connect to t the previous IP address. In the ∕connection Nan	Enabled
the previous IP address. In the connection Nan	: Disabled
use your own name to identia Execute domain logi	ion when the program is launched h security when connection is enabled nect when an error occurs nect when waking from sleep or hibernation
New Connection Wizard	on script when connection is established ommand when connection is established:
New Correction To set to a new connection Specify the domain name or IP Address or Domain Name	Cancel Apply Help

- b. on the properties window, Please enable " restrict the size of the first ISAKMP packet sent" and click on the "Apply" Button.
- c. Now, try to connect to the VPN.
- 15. After entering the username and password, the adapter will try to acquire an IP address and then moves to the 'Connected' status.

SonicWall Global VPN	Client	
File View Help		
📕 Disable 🔍 Status	+ \times \checkmark Properties	🐏 Show Log
Name	Peer	Status
14.139.187.130	14.139.187.130	Connected
	<i>t</i>	
or Help, press F1		

16. If you get the following Pop-up message, click on 'Yes' to accept and proceed. Very Important: if you clicked on "No" here, your internet connectivity will be lost.

Conne	ction Warning X	
⚠	Traffic is only allowed to this peer.	
sent to brows	ing this connection will block all traffic that does not get o the peer. This means that you may no longer be able to se the Internet, share local files, etc. ou want to continue?	
	Yes No	
∏ lf y	yes, don't show this dialog again	

17. You can check whether you are connected to the campus network by checking your IP address allocated. To do this, go to your windows command prompt by typing 'cmd' in your command window. To check the IP address, give the command IPCONFIG at the command prompt as shown below. If you are connected, it will show an IP address similar to 192.168.168.xxx or 172.17.xxx.xxx.

C:\>ipc	onfig	^
	IP Configuration	
Etherne	t adapter SonicWALL Virtual Adapter: Connection-specific DNS Suffix .: IP Address	

If you have any issues, please send an email to sysadmin@cb.amrita.edu.

Note: Also please be informed that you cannot connect to the VPN from within the campus network or campus WiFi.

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