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.
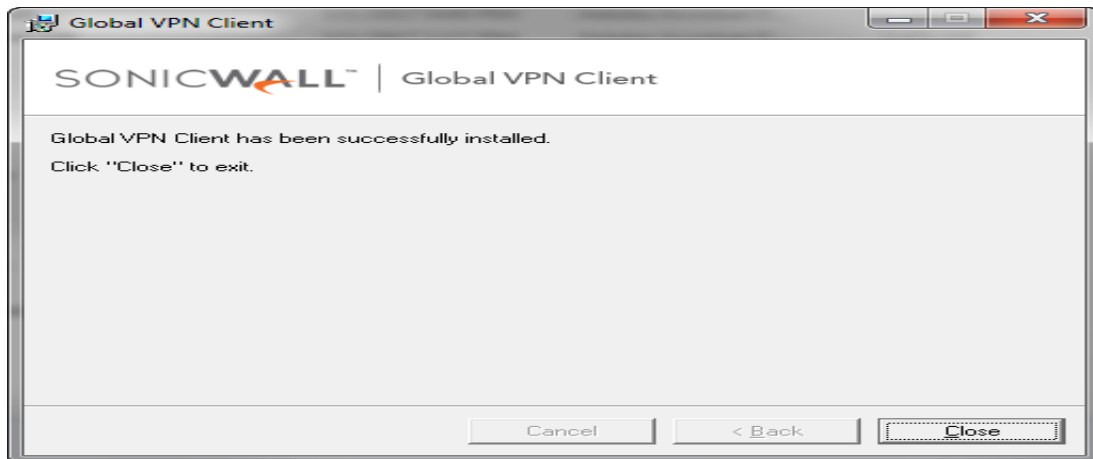

4. Click 'Next >' on the Installation Folder Selection page. Optionally, to specify a custom installation location, click 'Browse' and select the appropriate directory in your laptop/PC. Select 'Everyone' in the installation mode and click 'Next >' to proceed.
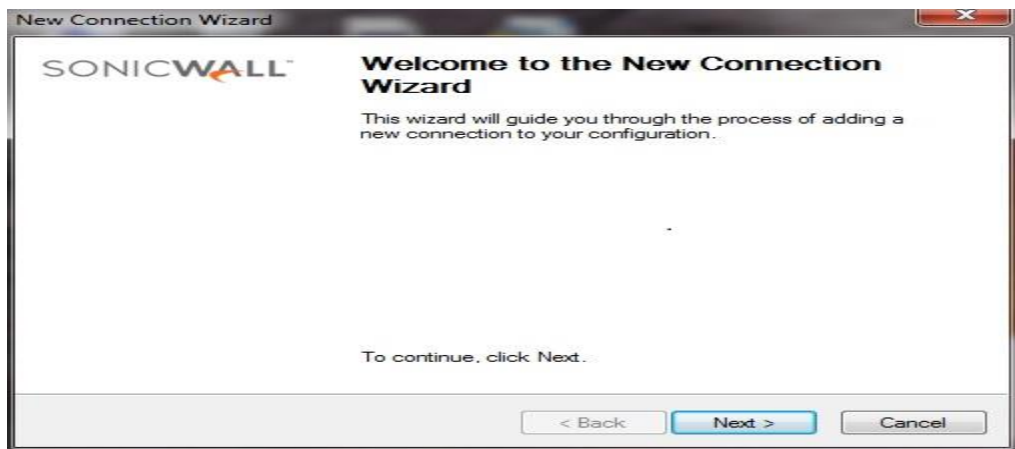
5. Click 'Next >' to continue with the installation

6. Click 'Close' to exit the installation wizard.

7. Launch the Global VPN Client software.

8. Select **Remote access** and click **Next**

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

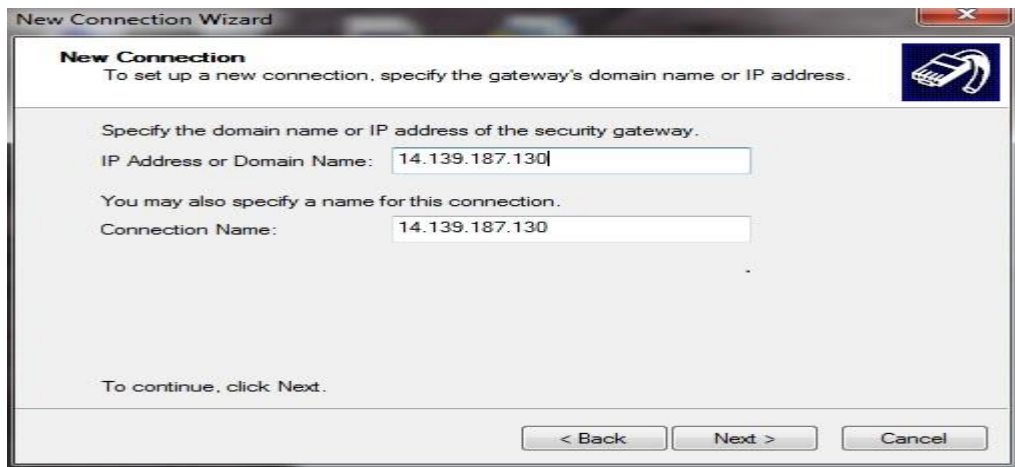   The order of preference of IP address is as follows :

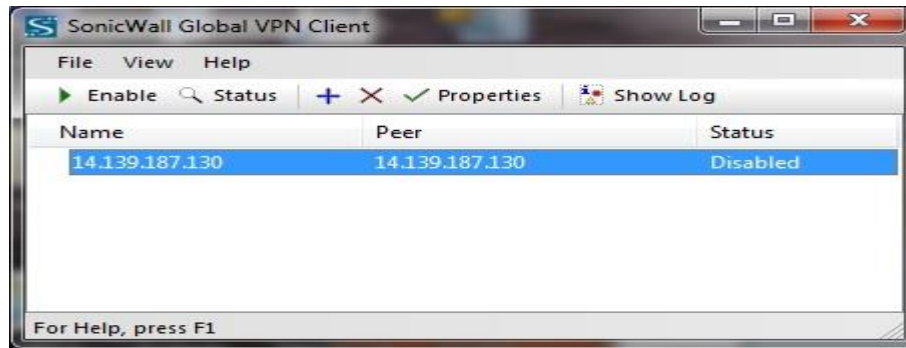   14.139.187.130
   139.167.58.78
   43.250.42.14

   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)
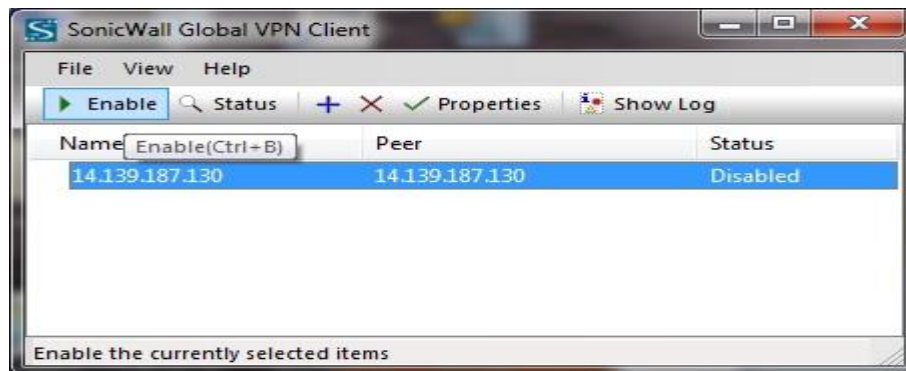

10. Check the checkbox of '**Create a desktop shortcut for this connection**' and Click **Finish.**
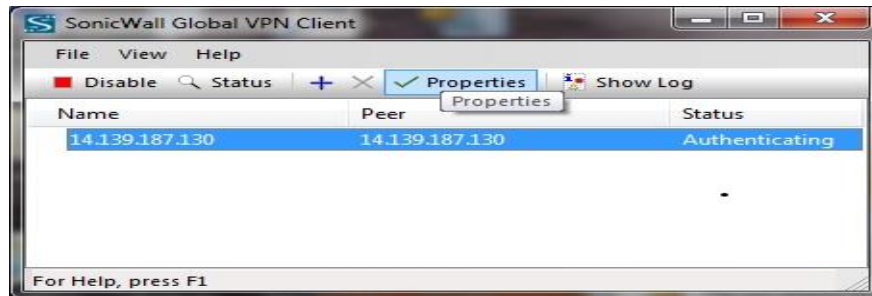
11. Click **Enable**

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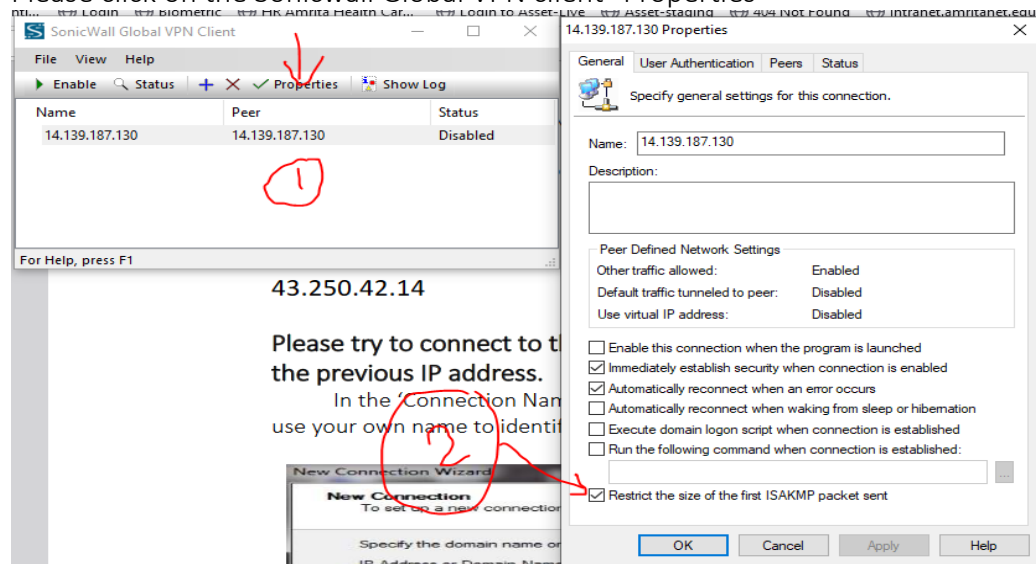
13. Enter the **username** and **password** for the connection. The username is your official email ID without the '@' part. (Eg. If your email ID is r_rajan@cb.amrita.edu, your username is r_rajan). The password is the Domain Controller password which is normally used to login to your computer or campus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


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.**
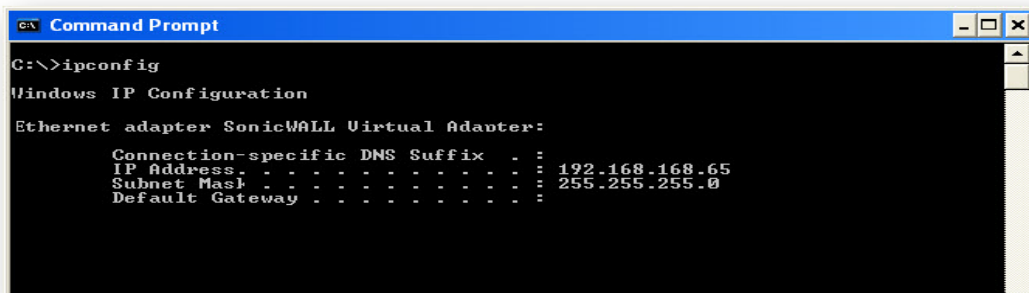   a. Please click on the Sonicwall Global VPN client "Properties"

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.
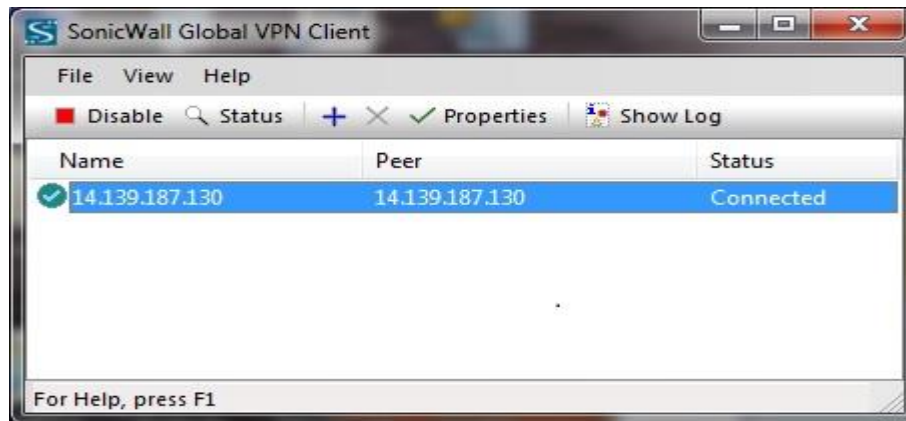
16. If you get the following Pop-up message, click on 'Yes' to accept and proceed.
Very Important: if you clicked on "No" here, your internet connectivity will be lost.
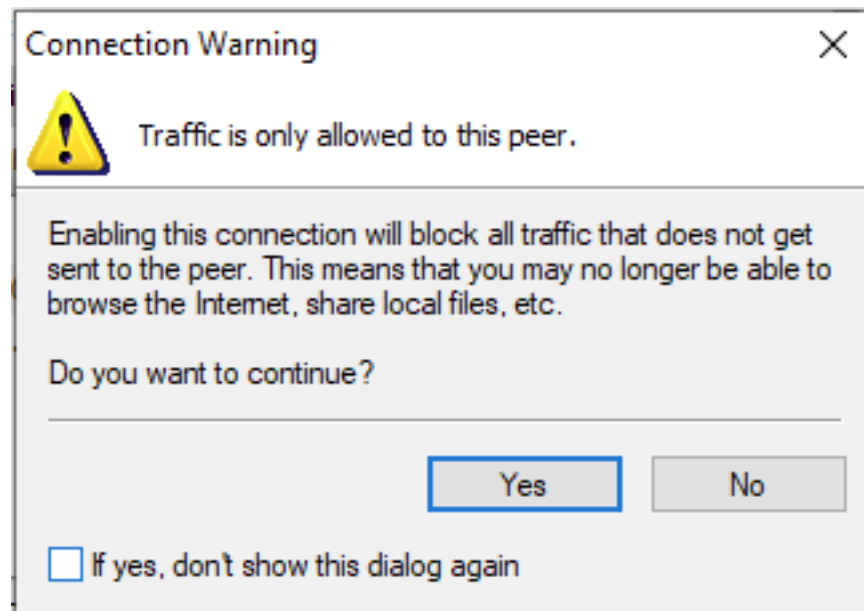
17. You can check whether you are connected to the campus network by checking your IP address allocated. To do this, go to your windows command prompt by typing 'cmd' in your command window. To check the IP address, give the command IPCONFIG at the command prompt as shown below. If you are connected, it will show an IP address similar to 192.168.168.xxx or 172.17.xxx.xxx.

```
Command Prompt

C:\>ipconfig

Windows IP Configuration

Ethernet adapter SonicWALL Virtual Adapter:

        Connection-specific DNS Suffix  . :
        IP Address. . . . . . . . . . . : 192.168.168.65
        Subnet Mask . . . . . . . . . . : 255.255.255.0
        Default Gateway . . . . . . . . :
```

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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