

How to Set Up the Transparent VPN Client for Windows

<https://campus.barracuda.com/doc/46209319/>

The Barracuda NextGen F-Series SSL VPN Client (Transparent Agent) for MS Windows operating systems is a powerful VPN client that lets you establish transparent network access (Layer 3) to internal company network infrastructures. The client is fully integrated into the SSL VPN Portal and can be executed by starting the **my Network** applet. It supports the following authentication schemes:

- X.509 certificate
- user/password
- X.509 certificate & user/password
- license file

After [installing the Barracuda NextGen F-Series SSL VPN Client](#), complete the steps in the following section to set it up.

Set Up the SSL VPN Client

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > VPN-Service > SSL-VPN**.
2. In the left menu, select **NextGen F-Series SSL VPN Client**.
3. In the **Configuration Mode** menu, select **Switch to Advanced View**.
4. Click **Lock**.
5. In the **NextGen F-Series SSL VPN Client** table, add or edit settings for the SSL VPN client. For each entry, you can specify the following settings:

Setting	Description
Active	Select the Active check box. This setting enables the my Network link in the SSL VPN web portal for fully transparent network access. This feature uses the Barracuda NextGen F-Series SSL VPN Client applet to establish a client-to-site connection to a Barracuda Networks VPN service, using the SSL VPN web portal. This requires a configured and running VPN service and client-to-site access.

VPN-Server Listen IPs	<p>The listen IP address for SSL VPN. By default, the listen IP address of the VPN service is selected from this list. You can also select:</p> <ul style="list-style-type: none"> ◦ First-IP - Uses the First-IP address that is specified in the VPN service properties. ◦ Second-IP - Uses the Second-IP address that is specified in the VPN service properties. ◦ First+Second-IP - Uses the First-IP and Second-IP addresses that are specified in the VPN service properties. ◦ explicit - To use explicit IP addresses that you enter in the Explicit Listen IP's table, select this option. <p>To verify the IP addresses that are specified for the VPN service, open its Service Properties page (Config > Full Config > Box > Virtual Servers > your virtual server > Assigned Services > VPN-Service).</p>
Explicit Listen IPs	If you select explicit from the VPN-Server Listen IPs list, enter the IP addresses for the SSL VPN in this table.
Advanced Options	If required, enter advanced options for the transparent agent in this field.
Connection Type	<p>The client-to-site connection type. You can select:</p> <ul style="list-style-type: none"> ◦ External CA - Provides single sign-on to SSL VPN users. ◦ Barracuda VPN CA
Show GUI	To open a license file selection window before login, select this check box.
Must be Healthy	If the connected user must perform a health check before transparent network access is granted, select this check box.
Allowed User Groups	To restrict transparent network access to defined user groups only, add the distinguished name of allowed user groups in this table. For example: *OU=admin*

6. Click **OK**.
7. Click **Send Changes** and **Activate**.

If the Barracuda NextGen F-Series SSL VPN Client network access is to be granted in combination with a NextGen F-Series Group VPN, make sure that the NextGen F-Series SSL VPN Client is selected in the **Peer Condition** settings for the **Group Policy Condition**. Otherwise, the VPN policy will not be assigned to the SSL VPN user.

To configure the SSL VPN service, continue with [How to Configure the SSL VPN Service](#).

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