

## How to Set Up the Barracuda NG SSL VPN Client

<https://campus.barracuda.com/doc/41116142/>

The Barracuda NG 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 NG SSL VPN Client](#), complete the steps in the following section to set it up.

### Set Up the SSL VPN Client

1. Open the **SSL-VPN** page for the VPN service (**Config > Full Config > Box > Virtual Servers > your virtual server > Assigned Services > VPN-Service**).
2. Click **Lock**.
3. In the left menu, click **NG SSL VPN Client**.
4. In the left menu, click **Switch to Advanced View**.
5. In the **NG SSL VPN Client** table, add or edit settings for the SSL VPN client. For each entry, you can specify the following settings:

Setting	Description
<b>Active</b>	Select the <b>Active</b> check box. This setting enables the <b>my Network</b> link in the SSL VPN web portal for fully transparent network access. This feature uses the Barracuda NG 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.

<b>VPN-Server Listen IPs</b>	<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"> <li>◦ <b>First-IP</b> - Uses the <b>First-IP</b> address that is specified in the VPN service properties.</li> <li>◦ <b>Second-IP</b> - Uses the <b>Second-IP</b> address that is specified in the VPN service properties.</li> <li>◦ <b>First+Second-IP</b> - Uses the <b>First-IP</b> and <b>Second-IP</b> addresses that are specified in the VPN service properties.</li> <li>◦ <b>explicit</b> - To use explicit IP addresses that you enter in the <b>Explicit Listen IP's</b> table, select this option.</li> </ul> <p>To verify the IP addresses that are specified for the VPN service, open its <b>Service Properties</b> page (<b>Config &gt; Full Config &gt; Box &gt; Virtual Servers &gt; your virtual server &gt; Assigned Services &gt; VPN-Service</b>).</p>
<b>Explicit Listen IPs</b>	If you select <b>explicit</b> from the <b>VPN-Server Listen IPs</b> list, enter the IP addresses for the SSL VPN in this table.
<b>Advanced Options</b>	If required, enter advanced options for the transparent agent in this field.
<b>Connection Type</b>	<p>The client-to-site connection type. You can select:</p> <ul style="list-style-type: none"> <li>◦ <b>External CA</b> - Provides single sign-on to SSL VPN users.</li> <li>◦ <b>Barracuda VPN CA</b></li> </ul>
<b>Show GUI</b>	To open a license file selection window before login, select this check box.
<b>Must be Healthy</b>	If the connected user must perform a health check before transparent network access is granted, select this check box.
<b>Allowed User Groups</b>	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 NG SSL VPN Client network access is to be granted in combination with a Barracuda NG Group VPN, make sure that the Barracuda NG 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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