
How to Create a Static Route

<https://campus.barracuda.com/doc/39814286/>

If the Barracuda SSL VPN is installed in a DMZ, you must create a static route on the client systems so that they can reach the main LAN. To introduce the static route, complete the following steps:

Step 1. Configure the client

Configure the client as described in [Advanced Network Connector Client Configuration](#). At this point the client will only be able to route through to other systems within the DMZ. Before creating a static route on the client systems, determine the default gateway address that the Barracuda SSL VPN uses. This gateway should be able to route to the main LAN from the DMZ. To create a route to the clients to tell them how to get to the main LAN, there are two alternatives:

- Publish a route that will apply to all clients using this Network Connector server interface.
- Use an *Up Command* in the client configuration that configures the route on the client when the network connector is launched.

Step 2. Configure the static route

Option 1: Publish the static route

To publish a static route for all users of a server interface:

1. Go to the **RESOURCES > Network Connector** page.
2. Click **Edit** next to the relevant server interface.
3. On the **Edit Server Interface** page, in the **Routing Section**, specify the network to be published. This network will always use the default gateway. All clients will use this route, so if you have multiple client configurations with different networks, you may need to use the *Up Command* instead.

Option 2: Configure an *Up Command* for the static route

To configure an *Up Command* to create a static route on the client system when the configuration file is launched, proceed as follows:

1. From the Barracuda SSL VPN web interface, log in as *ssladmin* and verify that you are in the **Manage System** mode.
2. Go to the **RESOURCES > Network Connector** page.

3. Verify that you have selected the correct user database on the top right of the page.

4. In the **Edit Client Configuration** section, add the *Up Command*.

Example:

- DMZ network address of *192.168.1.0/24*
- Barracuda SSL VPN on IP address *192.168.1.100* and default gateway of *192.168.1.1*
- Main LAN network address of *192.168.50.0/24*

The *Up Command* to publish for such a route would be:

- For Windows clients:
route add *192.168.50.0* mask *255.255.255.0* *192.168.1.1*
- For Linux/Mac clients:
route add -net *192.168.50.0* netmask *255.255.255.0* gw *192.168.1.1*

5. **Save** the configuration.

When launched, this configuration should automatically publish this new route 10-15 seconds after the Network Connector client is launched.

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