How to Configure VPN Group Policies in the SSL VPN

https://campus.barracuda.com/doc/48202688/

By adding group-policy based VPN templates to your NextGen F-Series SSL VPN Resources, you can let end users self-provision the VPN clients on their Windows, macOS, or iOS devices. Users then only need to log into their desktop or mobile portal and click the provisioning link. The downloaded file automatically configures the Barracuda VPN client or iOS VPN client, depending on the operating system. Currently, VPN files containing personal license files (*.lic) cannot be uploaded.
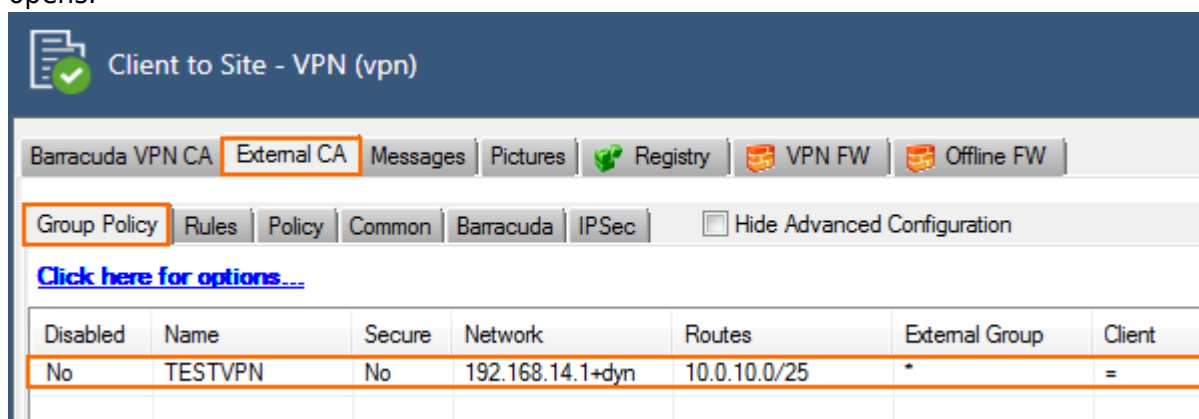
Before you Begin

- Configure a Client-to-Site VPN group policy. For more information, see Client-to-Site VPN.
- (macOS and Windows only) Install the Barracuda VPN Client. For more information, see Installing the Barracuda Network Access/VPN Client for Windows.

Step 1. Export the Client-to-Site VPN Group Policy

Download the VPN group policy (*.vpn) file from the Client-to-Site configuration.

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > *your virtual server* > Assigned Services > VPN-Service > Client-to-Site**.
2. Click the **External CA** tab.
3. In the **Group Policy** tab, double-click on the VPN group policy. The **Edit Group Policy** window opens.

4. Click **Export to file**. The **Export VPN Profile** window opens.

5. Enter a new **Description**.
6. Enter the IP address of the **VPN Server**.
7. Click **OK**.

8. **Save** the file.

Step 2. Create a VPN Group Policy Resource

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > *your virtual server* > Assigned Services > VPN-Service > SSL-VPN** .
2. In the left menu, select **VPN Group Policy**.
3. Click **Lock**.
4. Click **+** to add a new **VPN Group Policy**.
5. Enter a **Name** and click **OK**. The **VPN Group Policies** window opens.
6. Enter the **Display Name**.
7. (optional) To restrict access to the VPN files by user group, replace the ***** entry in the **Allowed User Groups** list. Click **+** to add new user groups.
8. Click **Ex/Import** and select **Import from File**.
9. Select the VPN group policy file you exported in step 1.

10. Click **Open**.
11. Click **OK**.
12. Click **Send Changes** and **Activate**.

VPN Self-Provisioning

To configure the VPN clients on their desktop or iOS device, the user can access the VPN group policies through the SSL VPN web portals, or CudaLaunch. Clicking on the VPN group policy resource adds the policy to the VPN client installed on the device. For CudaLaunch on the mobile devices the VPN connection is fully managed by the app, including updating the VPN profile, if the vpn file attached to the group policy in the SSL VPN is changed. For Windows and macOS devices, the VPN connection for the Barracuda VPN Client can be downloaded directly from CudaLaunch or the web portal, but VPN configuration changes are not synced.

- CudaLaunch
- Self-Service VPN Provisioning for iOS Devices
- Self-Service VPN Provisioning on Microsoft Windows
- Self-Service VPN Provisioning on macOS

Figures

1. vpnfiles00.png
2. vpnfiles01.png
3. vpnfiles02.png
4. vpnfiles03.png