How to Add a Secure Connector Configuration

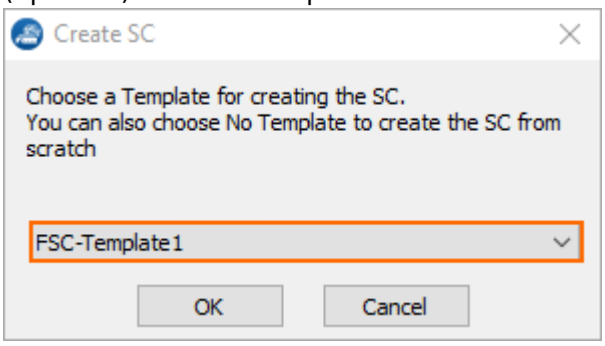
https://campus.barracuda.com/doc/79462663/

Secure Connectors are configured and managed by the Firewall Control Center using the Secure Connector Editor. You can either create the configuration as a template and then assign it to the Secure Connector device, or directly configure the Secure Connector. For more information, see How to Create and Apply Secure Connector Templates. With the data network selected in the SC configuration (either directly or in the template) the Access Controller settings (e.g., entry point, port, AC public key) and the management network settings are automatically configured.

Step 1. Add a Secure Connector Configuration

Add a Secure Connector Configuration or use a configuration template. Configuration settings configured via template are automatically used and cannot be configured on a per-device basis.

1. Go to ***your cluster*** **> Cluster Settings > Secure Connector Editor**.
2. Click **Lock**.
3. Click **Add SC**.
4. (optional) Select a template.



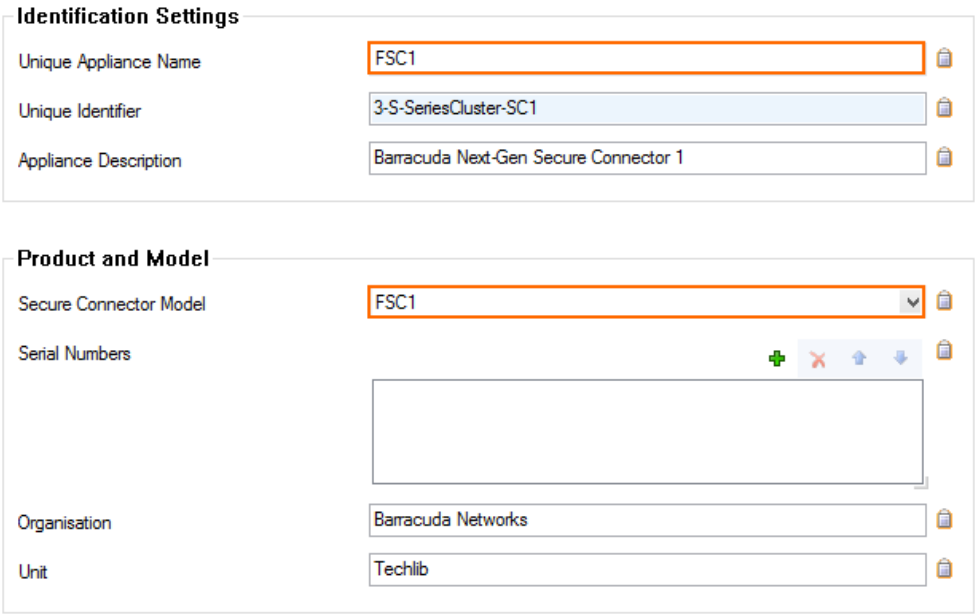
5. Click **OK**. The **Create SC** window opens.

Step 2. Configure the Settings for the Secure Connector

Configure Identification Settings

1. Enter a **Unique Appliance Name** for the Secure Connector. The name is final and cannot be changed later.
   The **Unique Identifier** is a string containing the range, cluster and unique appliance name.
2. (optional) Enter a description for the Secure Connector.
3. From The **Secure Connector Model** drop-down list, select the hardware version. E.g., **FSC1**.
4. (optional) Click **+** to add the serial number of the Secure Connectors allowed to connect with this configuration.(optional) Enter your company details and specify the location and timezone

of the Secure Connector unit
5. (optional) Add **Location Specific Settings**.



Configure Administrative Settings

1. In the left menu, click **Administrative Settings**.
2. Select the Secure Connector data network from the **Secure Connector VIP Network** drop-down list. The Secure Connector is automatically assigned to the Access Controller associated with the Secure Connector network.
3. Set the **WebUI Username/Password** for the web interface of the Secure Connector.
4. Enter the **Root Password** for the Secure Connector. The default root password is: `ngf1r3wall`
5. Select the **SSH Remote Access** check box to enable SSH. You must also create an Secure Connector management rule to be able to log in via SSH. For more information, see How to Create Secure Connector Firewall Management Rules.
6. Enter the **Hostname** used for the Secure Connector. You can use the same hostname for all Secure Connectors.
7. In the **Box DNS Domain** field, enter the domain for the Secure Connector.
8. Next to **DNS Server IP**, click **+** to enter the IP addresses for the DNS servers.
9. Select the **Enable NTP** check box to synchronize the time with an NTP server.
10. Enter the FQDN or IP address for the **NTP Server** located near your location. Default: `0.pool.ntp.org`

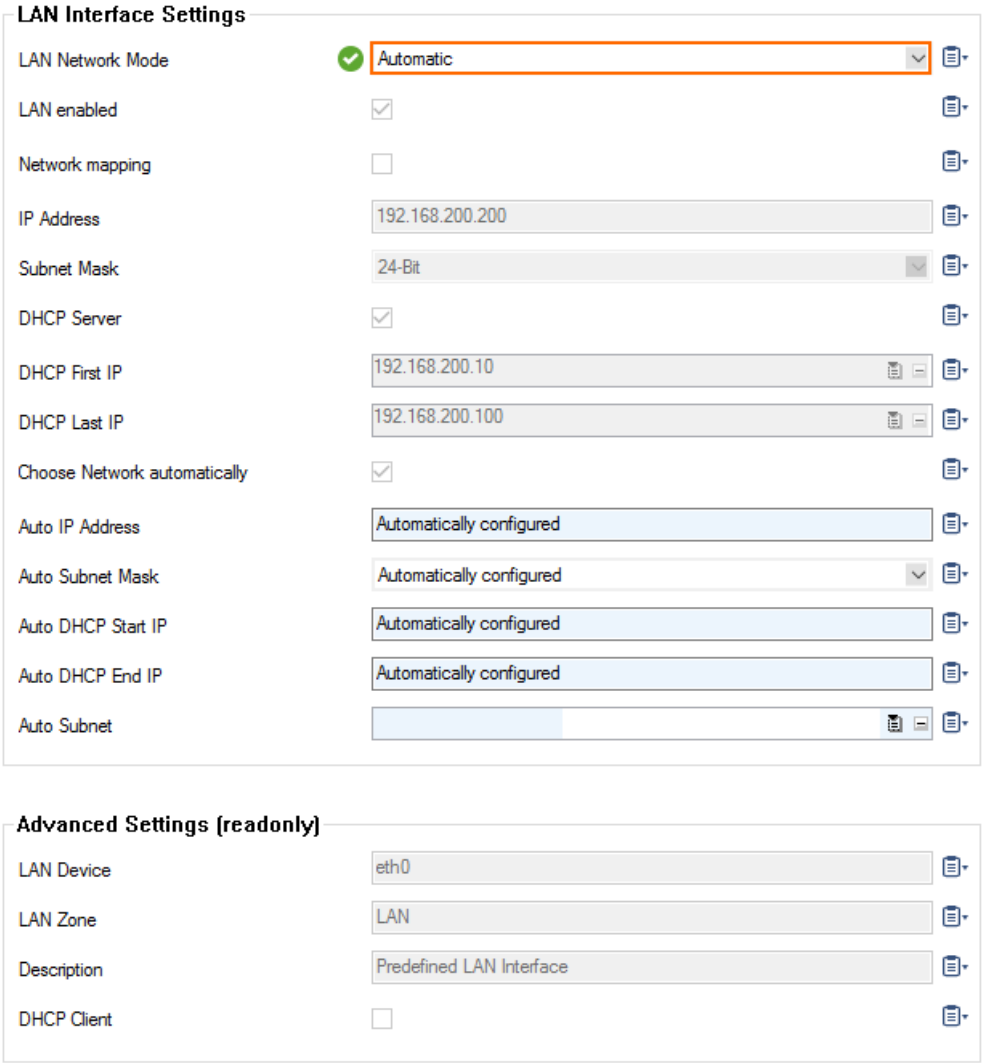
Configure WAN Settings

1. In the left menu, click **WAN Settings**.
2. From the **WAN Network Mode** drop-down list, select **Manual** or **DHCP Client**.
3. Configure the WAN connection for the WAN port. For more information, see Secure Connector WAN Connections.

Configure LAN Settings

1. In the left menu, click **LAN Settings**.
2. Select the **LAN Network Mode**:
   - **Manual** – The network must be entered manually. Devices behind the Secure Connector require a static IP address.
   - **Manual Mapped** – The network is entered manually. Devices behind the Secure Connector require a static IP address. The static network is mapped to a automatically assigned subnet out of the Secure Connector data network.
   - **DHCP Server** – The network is entered manually. Devices behind the Secure Connector receive an IP address from the DHCP server on the Secure Connector.
   - **DHCP Server Mapped** – The network is entered manually. Devices behind the Secure

Connector receive an IP address from the DHCP server on the Secure Connector. The network is mapped to an automatically assigned subnet out of the Secure Connector data network.
- **Automatic** (Default) – The network assigned to the Secure Connector is assigned automatically by the Control Center.



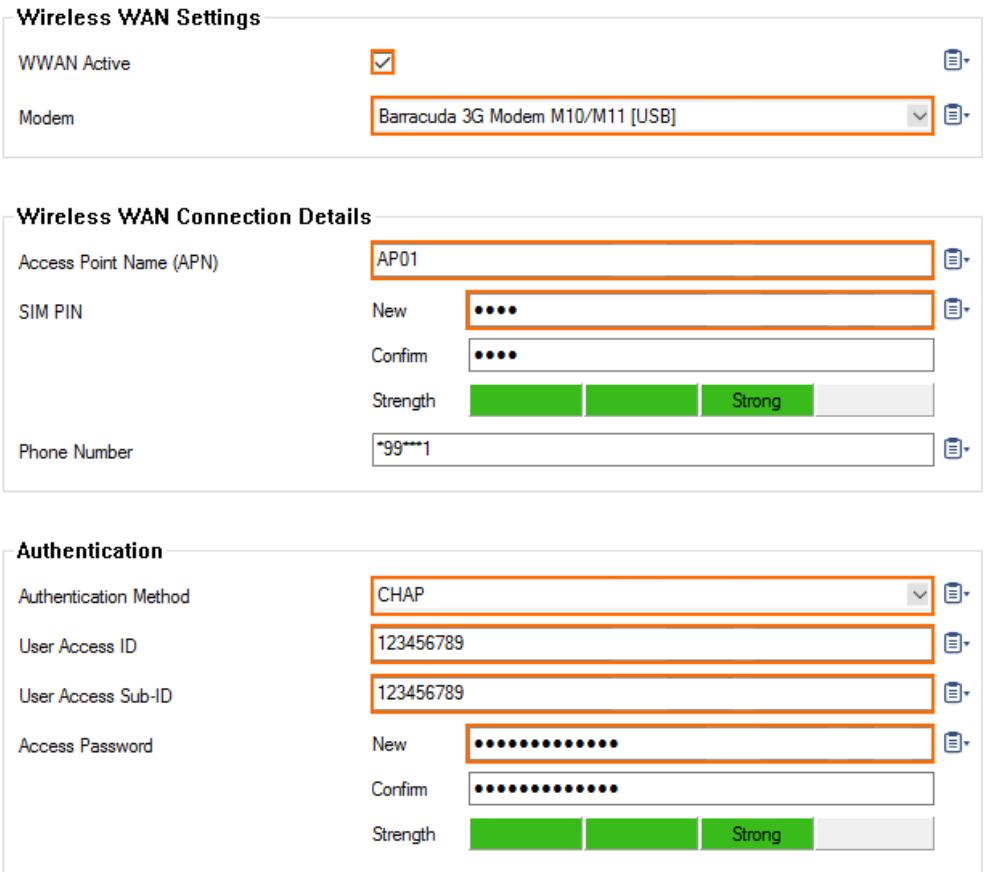
Configure Wi-Fi Settings

1. In the left menu, click **Wi-Fi Settings**.
2. Select the **Wi-Fi Mode**:
   - **Access Point Mapped** – Manual Wi-Fi network configuration mapped to a Secure Connector data network assigned by the Control Center.
   - **Access Point Manual** – **Manual Wi-Fi network configuration.**
   - **Access Point Automatic** – The Control Center automatically assigns a data network to the Wi-Fi network of the SC.
   - **Wi-Fi Client** – Select to use the Wi-Fi interface as a WAN interface.

For more information, see Secure Connector Wi-Fi Access Point or Secure Connector WAN Connections..

Configure Wireless WAN Settings

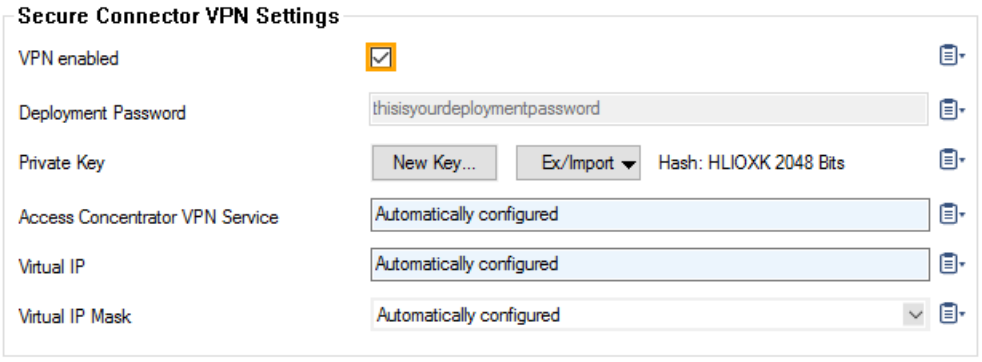
1. In the left menu, click **Wireless WAN Settings**.
2. Select the **WWAN Active** checkbox.
3. Select the **Modem**.
4. Enter the name of the WWAN access point you wish to connect to.
5. If applicable, enter the unlocking PIN code for your SIM card.
6. Enter the **Phone Number** number without the trailing hash (#).
7. Select the **Authentication Method**.
8. Enter the **User Access ID** assigned by your WWAN service provider.
9. (optional) Enter the **User Access Sub-ID** assigned by your WWAN service provider.
10. Enter the **Access Password** assigned by your WWAN service provider.



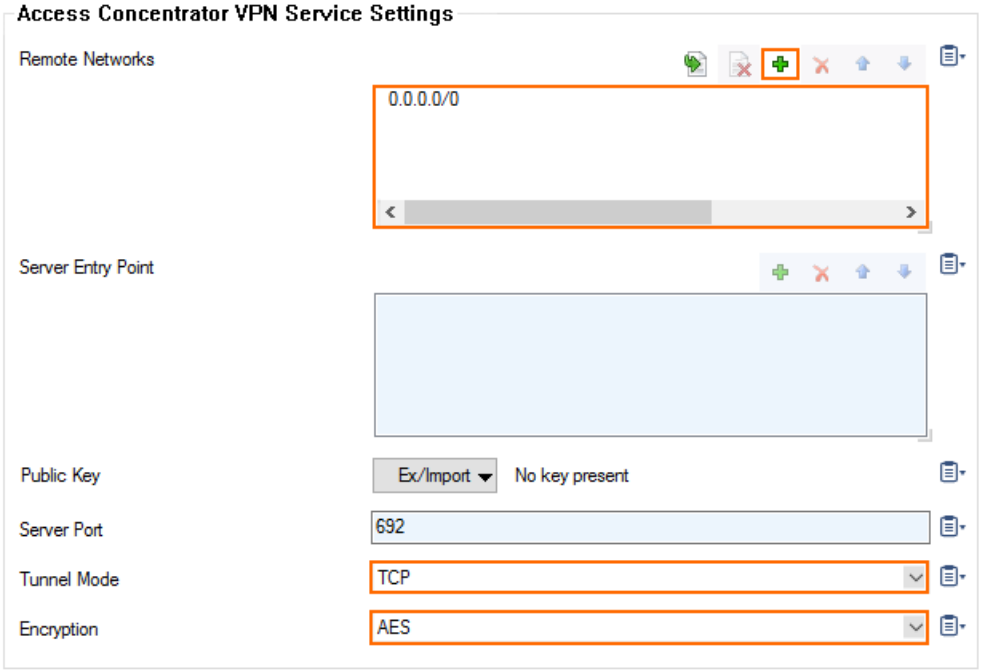
Configure VPN Settings

1. In the left menu, click **VPN Settings**.
2. Select the **VPN enabled** check box.
3. Click **New Key** and select the **Key Length** to generate the private certificate.

4. Click **Edit** and fill in the certificate information.
5. (Manual network only) – Enter the VIP IP address in the **Virtual IP** field. If automatically assigned, this is the first IP address in the Secure Connector subnet assigned to the unit.

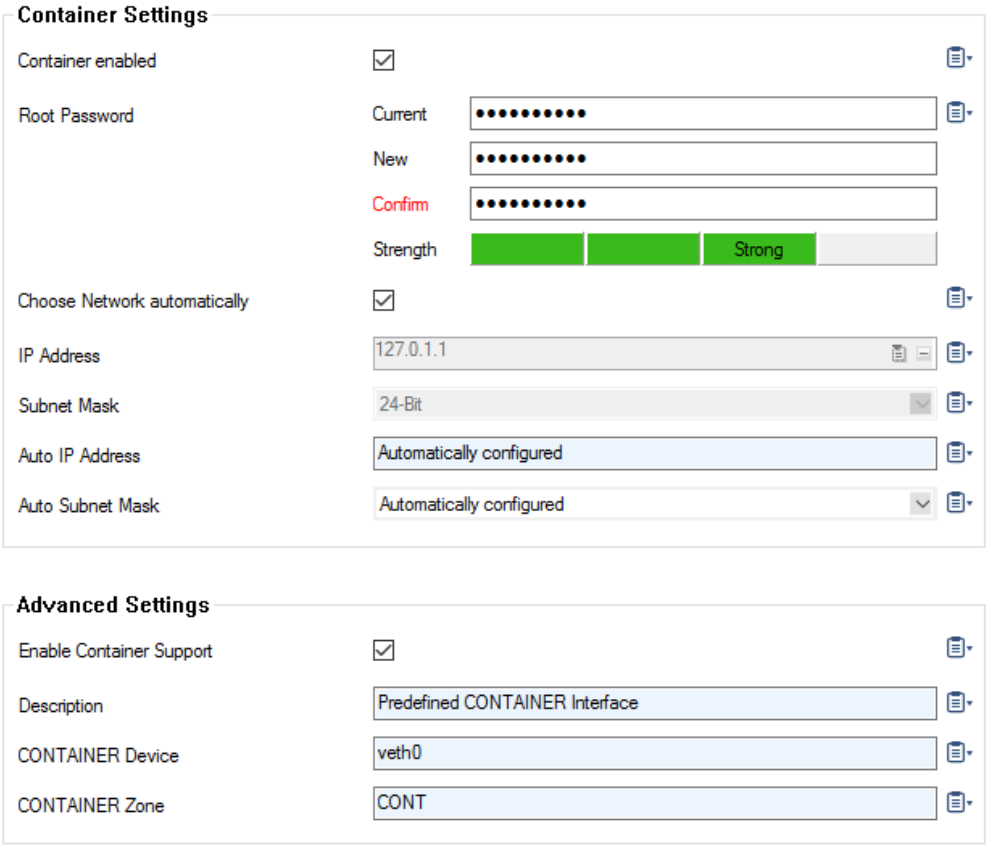


6. Next to **Remote Networks**, click **+** to add the networks routed through the VPN tunnel. To send everything through the tunnel and to offer Internet access, enter `0.0.0.0/0`.
   The **Server Port** is the **Entry Port** configured for the Access Controller. The **VPN Access Controller Public Key** is automatically filled in when the configuration is saved.
7. From the **Tunnel Mode** drop-down list, select the transport protocol. Select **TCP** (default) for more reliability and **UDP** for high performance.
8. Select the **Encryption** algorithm used.



Configure Container Settings

1. In the left menu, click **Container Settings**.
2. Select the **Container enabled** checkbox.
3. Enter the **Root Password** for container support on the Secure Connector.



For more information, see Secure Connector Container.

Configure Routing Settings

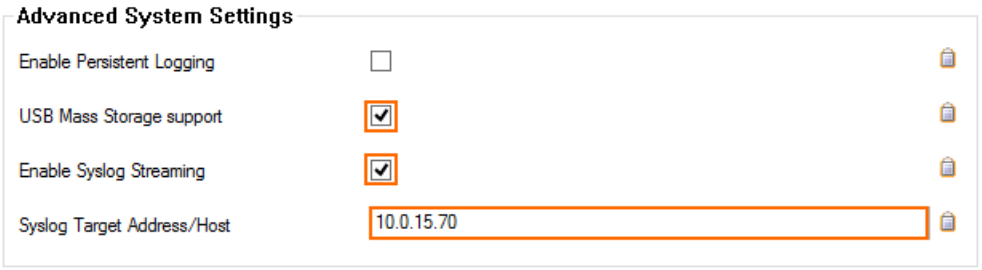
1. In the left menu, click **Routing Settings**.
2. Click **+** to add **System Routes**. For more information, see Secure Connector Routing.

Configure Firewall Settings

1. In the left menu, click **Firewall Settings**.
2. Configure the **Firewall Settings**. For more information, see Secure Connector Firewall.

Configure Advanced Settings

1. In the left menu, click **Advanced**:
2. Configure **Logging**. For more information, see Secure Connector Logging.
3. Select **USB Mass Storage support** to use the Secure Connector as a mass storage device on your desktop computer. This allows you to copy configuration files directly to the Secure Connector.



4. To configure syslog streaming, see Secure Connector Syslog Streaming.
5. Click **OK**.
6. Click **Activate**.

Next Steps

For information on how to deploy an Secure Connector using this configuration, see:

- Secure Connector Deployment via Configuration File

Figures

1. sc_01.png
2. id_settings.png
3. adm_settings.png
4. lan_settings01.png
5. wap_conf01.png
6. sc_vpn.png
7. vpn_ac.png
8. container_settings.png
9. sc_advanced_settings.png