

Secure Connector LAN Settings

<https://campus.barracuda.com/doc/96026760/>

The Secure Connector allows administrative users to configure LAN settings according to individual networking requirements. To assign networks to the LAN interface of the Secure Connector device, you can choose between different modes:

- In Automatic mode, the Control Center generates an IP address and subnet mask for the LAN interface and automatically assigns the next free subnet in the Secure Connector network.
- In Manual mode, the IP address and network must be specified by the admin. The first IP address in the network range is then used as the management IP address, the second address as the VIP address of the Secure Connector.
- In DHCP Server mode, the IP address, network, and DHCP server must be specified by the admin. Devices behind the Secure Connector receive an IP address from the DHCP server on the Secure Connector.
- In Mapped mode (manual or DHCP server), the network gets mapped to an automatically assigned subnet out of the Secure Connector data network. For example, if the data network is 172.16.16.0/24, the configured network is 192.168.200.0/24, and the configured IP address set on the LAN interface is 192.168.200.200, the configured IP address gets mapped to 172.16.16.200 and all IP addresses will be mapped accordingly.

Example mapping for a /29 network

	Data Network	Endpoint IP		Data Network	Endpoint IP
Location 1	10.10.10.1	192.168.0.1	Location 2	10.10.10.9	192.168.0.1
	10.10.10.2	192.168.0.2		10.10.10.10	192.168.0.2
	10.10.10.3	192.168.0.3		10.10.10.11	192.168.0.3
	10.10.10.4	192.168.0.4		10.10.10.12	192.168.0.4
	10.10.10.5	192.168.0.5		10.10.10.13	192.168.0.5
	10.10.10.6	192.168.0.6		10.10.10.14	192.168.0.6

Configure LAN Settings

1. Go to **your cluster > Cluster Settings > Secure Connector Editor**.
2. Click **Lock**.
3. Double-click to edit the device or Secure Connector template.
4. In the left menu, click **LAN Settings**.
5. Select the **LAN Network Mode**:
 - **Automatic (Default)** – The network associated with the Secure Connector is assigned automatically by the Control Center.
 - **Manual** – The network associated with the Secure Connector is set manually. Devices

behind the Secure Connector require a static IP address.

- Enter the **IP address** and **Subnet Mask** of the network that should be assigned to the Secure Connector.
- **Manual Mapped** – The data network is mapped to the manually configured Secure Connector network. Devices behind the Secure Connector require a static IP address.
 - Enter the **IP address** and **Subnet Mask** of the network that should be assigned to the Secure Connector.
- **DHCP Server** – The network is entered manually. The first and last IP address of the DHCP range must be set additionally:
 - Enter the **IP address** and **Subnet Mask** of the network that should be assigned to the Secure Connector.
 - Select the **DHCP Server** check box.
 - Select the **DHCP First IP**.
 - Select the **DHCP Last IP**.
- **DHCP Server Mapped** – The data network is mapped to the configured network using a DHCP server.
 - Enter the **IP address** and **Subnet Mask** of the network that should be assigned to the Secure Connector.
 - Select the **DHCP Server** check box.
 - Select the **DHCP First IP**.
 - Select the **DHCP Last IP**.

LAN1 Interface Settings

LAN Network Mode	Automatic	
LAN enabled	<input type="checkbox"/>	
Network mapping		
IP Address	192.168.200.200	
Subnet Mask	24-Bit	
DHCP Server	<input checked="" type="checkbox"/>	
DHCP First IP	192.168.200.10	
DHCP Last IP	192.168.200.100	
Choose Network automatically	<input checked="" type="checkbox"/>	
Auto IP Address	172.16.11.161	
Auto Subnet Mask	29-Bit	
Auto DHCP Offset	0	
Auto DHCP Start IP	172.16.11.162	
Auto DHCP End IP	172.16.11.166	
Auto Subnet	172.16.11.160/29	
DHCP Advanced Settings	<input type="button" value="Edit..."/> <input type="button" value="Clear"/> Section is set	
Enable Broadcast	<input type="checkbox"/>	

Advanced Settings (readonly)

LAN Device	eth0	
LAN Zone	LAN	
Description	Predefined LAN Interface	
DHCP Client	<input type="checkbox"/>	

6. Click **OK** and **Activate**.

Figures

1. `sc_lan_settings.png`

© Barracuda Networks Inc., 2024 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.