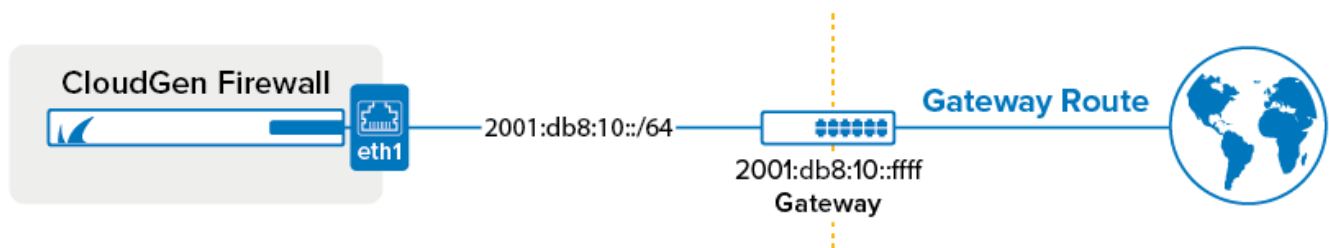


## How to Configure IPv6 Gateway Routes

<https://campus.barracuda.com/doc/96026018/>

IPv6 gateway routes are defined for all IPv6 networks that are not directly attached to a port of the firewall. The firewall forwards all traffic with the configured destination to the gateway (next hop) IP address specified in the gateway route.



### Step 1. Configure an IPv6 Gateway Route

1. Go to **CONFIGURATION > Configuration Tree > Box > Network**.
2. In the left menu, click **Advanced Routing**.
3. Click **Lock**.
4. Click **+** to add a gateway route to the **IPv6 Routing Table**:
  - **Name** – Enter a name.
  - **Target Network Address** – Enter the IPv6 network. E.g., `::0/0` for the default route
  - **Route Type** – Select **gateway**.
  - **Gateway** – The gateway IP address. E.g., `2001:db8:6299::ffff`
  - **Trust Level** – Select the trust level. Use **Untrusted** for WAN connections,
  - **Route Metric** – Enter the preference for the route. When two identical routes are present, the route with the lower preference is used.

IPv6 Route Configuration	
Target Network Address	<input type="text" value="::0/0"/>
Route Type	<input type="text" value="gateway"/>
Interface Name	<input type="text" value="eth1"/> <input type="checkbox"/> Other
Gateway	<input type="text" value="2001:db8:6299::ffff"/>
Source Address	<input type="text" value=""/>
Foreign IP Sufficient	<input type="text" value="no"/>
Trust Level	<input type="text" value="Untrusted"/>
Route Metric	<input type="text" value="100"/>
MTU	<input type="text" value="1500"/>
Active	<input type="text" value="yes"/>

5. Click **OK**.
6. Click **Send Changes** and **Activate**.

## Step 2. Activate the Network Configuration

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After you have configured the network route, you must activate your new network configuration.

1. Go to **CONTROL > Box**.
2. In the left menu, expand **Network** and click **Activate new network configuration**.
3. Click **Failsafe**.

The gateway route is now active on the **CONTROL > Network** page. If the remote gateway no longer answers ARP requests, the route is placed in a pending state until the gateway is reachable again.

## Figures

1. gw\_routev6.png
2. gateway\_route\_ipv6.png

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