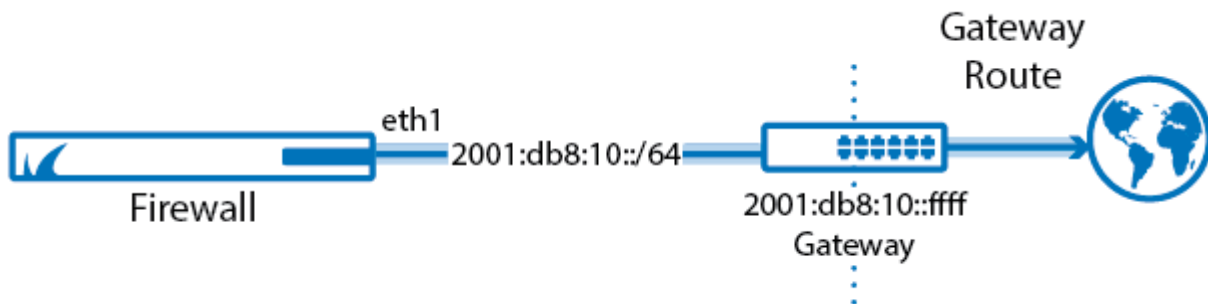


How to Configure IPv6 Gateway Routes

<https://campus.barracuda.com/doc/79462762/>











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=""/>	<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

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. Routing_Basic_gateway_route_ipv6-01.png
2. gateway_route_ipv6.png

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