How to Configure Source-Based Routes

https://campus.barracuda.com/doc/79462766/

Source-based routing, often referred to as policy routing, is used when the source IP address of the connection determines, in part or completely, which route is used. Source-based routing can be used to ensure that traffic is sent via a specific connection. For each source-based routing entry, a routing table for that specific IP address/network is created and consulted when traffic from that network comes in.

Step 1. Create a Source-based Route

1. Go to **CONFIGURATION > Configuration Tree > Box > Network**.
2. In the left menu, click **Advanced Routing**.
3. Click **Lock**.
4. In the **Source Based Routing** section, add or edit an entry for your route in the **Routing Rules** table:
   - **Name** – Enter a name. E.g., `route1`
   - **Source Networks** – Add the source IP address or network. E.g., `10.0.10.0/24`
   - **Routes** – Click **+** to add a route table entry for the source network.
     - **Target Network Address** – Enter the target network IP address. E.g., `0.0.0.0/0`
     - **Route Type** – Select **unicast, multipath**, or **throw**. If **throw** is selected, the route lookup will end once the first matching route is found.
     - **Gateway (only for unicast routes)** – Enter the IP address of the remote gateway.
     - **Multipath Gateway (only for multicast routes)** – Enter the **Multipath Gateway** and **Weight Number** (Metric) for each route.
     - **Packet Load Balancing (only for multicast routes)** – If needed, enable packet load balancing.
     - **Route Metric (only for unicast routes)** – Enter the route metric for the gateway route.
     - **Advertise Route** – Select **YES** if you want to use dynamic routing service. For more information, see Dynamic Routing Protocols (OSPF/RIP/BGP).
5. Select where the route table is placed: before the main routing table (**premain**) or after the main routing table (**postmain**).
6. Click **OK**.
7. Click **Send Changes** and **Activate**.

Step 2. Activate the Network Configuration

After you have configured the network route, you must execute your new network configurations.

1. Go to **CONTROL > Box**.
2. In the left menu, expand **Network** and then click **Activate new network configuration**.
3. Select **Failsafe**. The message **Failsafe Activation Succeeded** is displayed after your new network configurations have been successfully activated.
4. Click **OK**.

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