

How to Configure Source-Based Routes

<https://campus.barracuda.com/doc/72516518/>

Source-based routing, often referred to as policy routing, is used when the source IP address of the connection determines, whether 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. Add a Source-Based Route


1. Go to **NETWORK > Routing**.
2. In the **Target Network** field of the **Gateway Route Configuration** section, enter the IP address and netmask of the target network in CIDR format, e.g., 192.220.1.0/24
3. In the **Gateway** field, enter the IP address of the next hop or gateway. This gateway must be reachable by a direct route.
4. Enter the source IP address into the **Source Address** field, e.g., 10.0.10.1
5. From the **Classification** drop-down menu, select the relevant network.
6. Specify **Metric** and Maximum Transmission Unit (**MTU**) for the route, if required.
If more than one route to the same target network exists, you must assign a unique metric value to each route. The lowest metric (or preference number) specifies the preferred route. If the gateway becomes unreachable, the route with the next lowest metric will be used.
7. Click **Add**.

GATEWAY ROUTE CONFIGURATION							Help
<i>Optional routes via next hop network gateway. The next hop network gateway must be reachable via the static or dynamic networks defined on the IP Configuration page.</i>							
Target Network	Gateway	Source Address (optional)	Classification	Metric	MTU	Disable	
62.99.0.0/24	62.99.0.254	10.0.10.1	Unclassified			<input type="checkbox"/>	Add
0.0.0.0/0	10.17.68.1		Unclassified			<input type="checkbox"/>	

Step 2. Perform a Network Activation

After you create or change basic network configurations such as routing, you must activate your new network configurations.

1. Scroll to the top of the page.
2. Click on the link in the warning message to activate the new network configuration.

 Some configuration changes made within IP Configuration, Routing or Bridging are not yet in effect. To execute the changes, [click here](#). This will cause a temporary interruption in network traffic. You may have to log into the Barracuda NextGen Firewall again.

The source-based route is now displayed in the **NETWORK ROUTES** table.

Figures

1. `add_source_based_route.png`
2. `network_activation_ip_configuration.png`

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