Creating Static Routes

https://campus.barracuda.com/doc/19333753/

Static routes allow you to carefully manage how outgoing network traffic is directed from the Barracuda Load Balancer ADC. There are a variety of reasons you might want to configure static routes depending on the scale and topology of your network.

The following scenarios describe some instances where you might want to configure static routes:

- Configure specific routes to reach a particular network. For the following example, you need to reach the 10.1.0.0/16 network through interface ge-1-1:
  1. Configure interface ge-1-1 with **IP Address** 10.1.0.1/16.
  2. Configure the **Netmask** as 255.255.0.0.
  3. Configure the 10.2.0.1 as the **Gateway Address** for interface ge-1-1.
- Configure a default gateway for network traffic on an interface of Barracuda Load Balancer ADC. A default gateway acts to handle all network traffic transiting the interface. For example:
  1. Configure interface ge-1-1 with **IP Address** 0.0.0.0.
  2. Configure the **Netmask** as 0.0.0.0.

Adding a Static Route

To add a static route navigate to the **NETWORK > Routes** page and complete the following steps:

1. In the **Add Static Route** section, select the **IP Protocol Version**. It can be either **IPv4** or **IPv6**.
2. Specify the **IP Address** for the destination. If you want this route to apply to any destination IP address, specify 0.0.0.0.
3. Specify the **Netmask** for the destination network. If you want this route to apply to all destination sub-networks, specify 0.0.0.0.
4. Specify the **Gateway Address**, the IP address for the network gateway, the device that allows the Barracuda Load Balancer ADC to reach the destination.
5. Select the **Network Interface**. This is the interface on the Barracuda Load Balancer ADC on which you want to add the static route.
6. (Optional) Add a comment describing the purpose for the static route.
7. Click **Save**. The route appears in the **Configured Routes** table.

Barracuda Networks recommends that you configure static routes to the server network (for the servers configured under the virtual services) over the data path interfaces. This helps to ensure that data path traffic is not routed over the management interface.

Configured Routes Table

You can view any configured static routes in the **Configured Routes** table. Each static route is listed

under its assigned interface.

To delete a static route, click the trash-can icon in the **Options** column for the route.