

How to Configure Linux Standard Multipath Routing

<https://campus.barracuda.com/doc/96026023/>

Barracuda Networks recommends using ACPF-assisted multipath routing. For more information, see [How to Configure Multipath Routing](#).

The Barracuda CloudGen Firewall supports Linux standard multipath routing. Simple redundancy by next hop detection is provided by adding multiple routing entries with different route metrics. Linux-based standard multipath routing provides source IP-based balancing between next hops. Once the source destination combination is in the routing cache, this combination will stay on the selected next hop IP address. For dead next-hop detection per ARP request or session packet balancing, use ACPF-assisted multipath routing.

Step 1. Add a Linux Standard Multipath Route

1. Go to **CONFIGURATION > Configuration Tree > Box > Network**.
2. In the left menu, select **Advanced Routing**.
3. Click **Lock**.
4. In the left menu, expand **Configuration Mode** and select **Switch to Advanced View**.
5. In the **IPv4 Routing Table** section, click **+** to add an entry:
 - Enter a **Name**. E.g., route1
 - Enter the **Target Network Address**. E.g., 192.168.100.0/24
 - Click **+** to add **Multipath Gateways** and provide the following Information:
 - **Multipath Gateway** – Next hop IP address of the multipath route.
 - **Weight Number** – Weight number of path (valid range from 1 - 100).
 - **Assigned Source IP** – The assigned source IP address.
6. Click **OK**.
7. Click **Send Changes** and **Activate**.

Step 2. Activate the Network Configuration

1. Go to **CONTROL > Box**.
2. In the left menu, expand **Network** and click **Activate new network configuration**. The **Activate Network** window opens.
3. Click **Failsafe**. The **Activation Succeeded** window opens.
4. Click **OK**.

Open the **CONTROL > Network** page. If a green icon (✓) is displayed in the first column for the multipath route, the route is active.

Figures

1. route_active.png

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