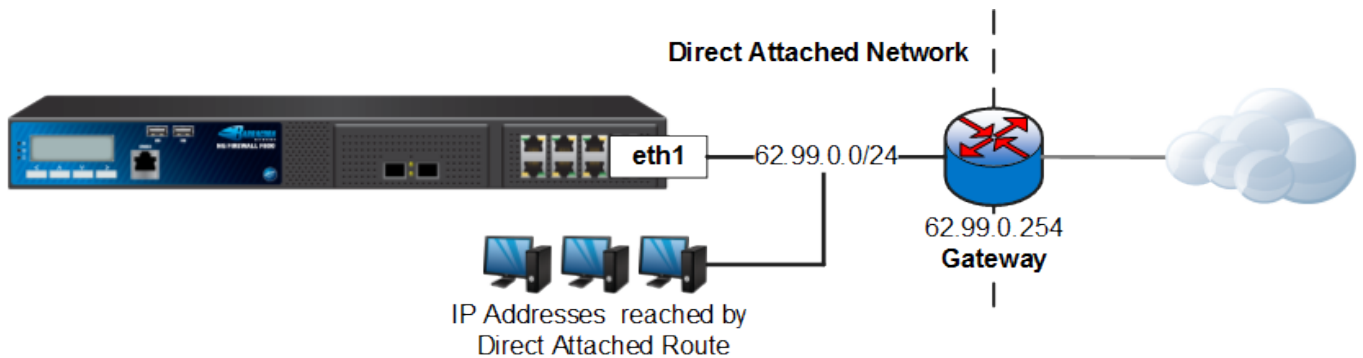


How to Add a Direct Attached Route

<https://campus.barracuda.com/doc/41115997> Direct attached routes are routing entries for network that can be reached from an interface of the Barracuda NG Firewall without having to use a next hop gateway.



In this article:

Before you Begin

Connect the network to a port of the Barracuda NG Firewall. Do not use the management port.

Step 1. Configure a Direct Route

Add a route for the direct attached network.

1. Open the **Network** page (**Config > Full Config > Box**).
2. In the left menu, click **Routing**.
3. Click **Lock**.
4. In the **Routes** table, click + to add a route:
 - **Name** - Enter a **name**.
 - **Target Network Address** - Enter the network in CIDR format. E.g., 62.99.0.0/24
 - **Route Type** - Select **direct attached network**.
 - **Interface Name** - Select the interface you used to connect to the network. E.g, **eth1**
 - **Trust Level** - Select the trust level. Your network will automatically be connected to the corresponding network objects. Use **Untrusted** for WAN connections, **Trusted** for LAN connections.
 - **(optional) Advertise Route** - To propagate this network route via the OSPF/RIP/BGP service, select **Yes**. For more information, see [Dynamic Routing Protocols \(OSPF/RIP/BGP\)](#)

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 the **Control > Box** page.
2. In the left menu, expand **Network** and click **Activate new network configuration**.
3. Select **Soft**. The **Soft Activation Succeeded** message is displayed after your new network configurations have been successfully activated.

The direct attached route is now displayed as **pending** on the **CONTROL > Network** page. To make the route active, you must use one of the IP addresses in the network as a virtual server IP address (default) or as an additional IP address (remote units).

Next Steps

- **Default:** You must use at least one IP address from the network as a **virtual server IP address**. If you are using a high availability setup, these virtual server IP addresses will be transferred to the secondary NG Firewall in case of a failure.
- **In case of remote access:** If you are using the Barracuda NG Firewall via remote management tunnel, add the IP address to the **Additional IP addresses (Config > Full Config > Network)**. IP addresses assigned on box level are not synced to the HA partner. When using the IP address on box level, the route will remain active even if the virtual server is running on the other NG Firewall in the HA cluster.

Figures

1. Routing_Basic_direct_attached.png

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