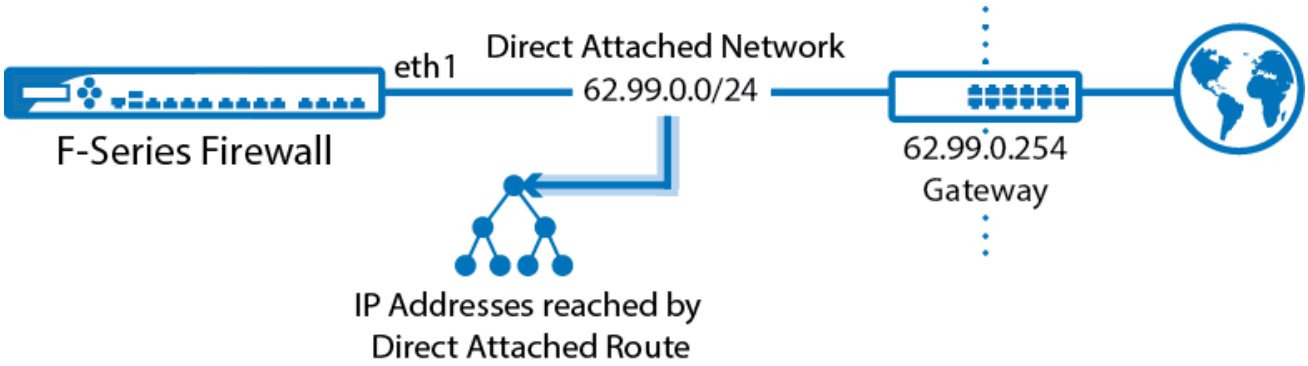
How to Configure Direct Attached Routes

https://campus.barracuda.com/doc/48202706/

Direct attached routes are routing entries for network that can be reached from an interface of the Barracuda NextGen Firewall F-Series without having to use a next hop gateway.

Direct attached routes can also be introduced via **Additional IP addresses** on the box level. These IP addresses are not synced to the HA partner and remain active when a failover occurs. Use **Additional IP addresses** for remote access and direct attaches routes in all other cases.



Before you begin

Connect the network to a port of the Barracuda NextGen Firewall F-Series. Do not use the management port.

Step 1. Configure a direct route

Add a route for the direct attached network.

1. Go to **CONFIGURATION > Configuration Tree > Box > Network**.
2. In the left menu, click **Routing**.
3. Click **Lock**.
4. In the **IPv4 Routing Table** 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 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 **CONTROL > Box**.
2. In the left menu, expand **Network** and click **Activate new network configuration**.
3. Select **Failsafe** The **Network 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

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 NextGen Firewall F-Series in case of a failure.

Figures

1. Routing_Basic_direct_attached.png

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