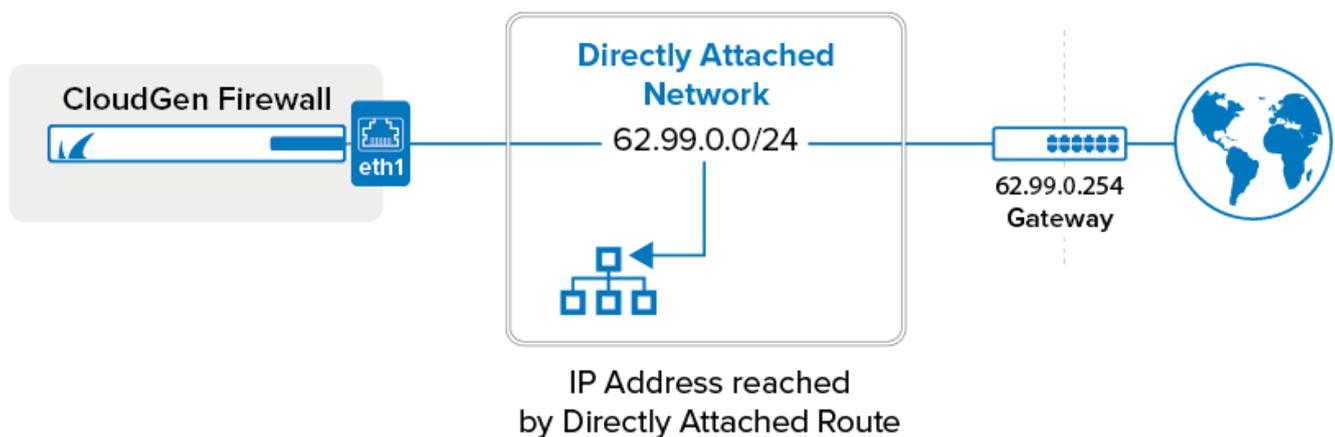


How to Configure Directly Attached Routes

<https://campus.barracuda.com/doc/96026021/>

Directly attached routes are routing entries for networks that can be reached from an interface of the Barracuda CloudGen Firewall without having to use a next hop gateway.

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



Before You Begin

Connect the network to a port of the firewall. Do not use the management port.

Step 1. Configure a Direct Route

Add a route for the directly attached network.

1. Go to **CONFIGURATION > Configuration Tree > Box > Network**.
2. In the left menu, click **Advanced Routing**.
3. Click **Lock**.
4. In the **IPv4 Routing Table** section, 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 **directly attached network**.
 - **Interface** - 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 and **Trusted** for LAN connections. For more information, see [Network Objects](#).
 - **(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 **Soft**. The **Network Activation Succeeded** message is displayed after your new network configurations have been successfully activated.

The directly 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 box IP address (default) or as a shared network IP address (remote units).

Next Steps

You must use at least one IP address from the network as a shared network IP address. If you are using a high availability setup, these IP addresses will be transferred to the secondary CloudGen Firewall in case of a failure.

Figures

1. directly_rt.png

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