

How to Configure Shared Networks and IPs

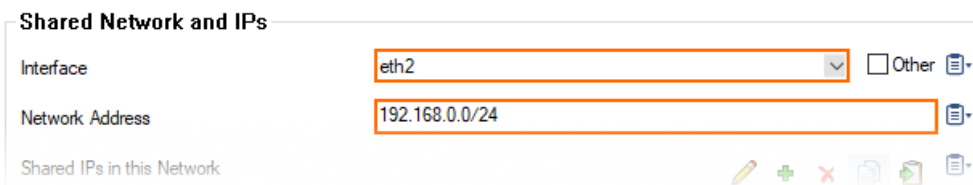
<https://campus.barracuda.com/doc/88539558/>

To use user-specific services, they must be made available on interfaces connected to the environmental networks.

To configure **Shared Network and IPs**, you must switch to **Advanced Configuration Mode**.

Step 1. Configure the Shared Network and IPs

1. Go to **CONFIGURATION > Configuration Tree > Box > Network**.
2. Click **Lock**.
3. Scroll down to the section **Shared Network and IPs**.
4. Click **+**.
5. The **Shared Networks and IPs** window opens.
6. Enter the name for the new shared network.
7. Click **OK**.
8. The **Shared Networks and IPs <your shared network name>** window opens.
9. For **Interface**, select the interface on which the shared network must be reachable, e.g., eth2.
10. Enter the **Network Address** with an address mask for the network on the selected interface.



Shared Network and IPs

Interface: eth2 Other

Network Address: 192.168.0.0/24

Shared IPs in this Network

Step 2. Configure the Shared IPs in the Shared Network for the IPv4 Network

A configured shared IP will be available for assignment to a special service later on. Repeat the following steps until you have configured all necessary shared IP addresses.

1. For **Shared IPs in the Network**, click **+**.
2. The **Shared IPs in this Network** window opens.
3. Enter a valid **IP Address** within the Shared Network address.
4. For **Alias for this IP**, select either **First IP**, **Second IP**, or leave the default value unchanged.
5. If necessary, set **Responds to Ping** to **yes**.
6. For **Trust Level**, select the relevant trust level that best applies.

Shared IP Address Configuration

IP Address

Alias for this IP

Responds to Ping

7. Click **OK**.

8. The shared IP address is added to the list of **Shared IPs in this Network**.

Shared Network and IPs

Interface Other

Network Address

Shared IPs in this Network

IP Address	Alias for this IP	Responds to
192.168.0.1	First IP	yes

Direct Internet Access

Trust Level

Default Gateway

Route Metric

Active

(optional) Step 3. Configure Direct Internet Access

In case the network address has been assigned by an Internet provider, you can classify the shared network address to have direct Internet access, e.g., 62.99.0.0/24. You then have to configure a gateway as a forwarder for the traffic, e.g., 62.99.0.254.

1. For **Direct Internet Access**, select the check box.
2. The **Default Gateway** and **Route** metric entry fields are activated.
3. For **Default Gateway**, enter the IP address for the gateway in the configured network.
4. For **Route Metric**, enter a value that optimally applies to the routing priority requirements for your networks.
5. Verify that **Active** is set to **yes** at the bottom of the configuration area.

(optional) Step 4. Configure IPv6 Shared Networks and IPs

1. For **IPv6 Shared Networks and IPs**, click +.

2. The **IPv6 Shared Networks and IPs** window opens.
3. Enter the name for the new shared network.
4. Click **OK**.
5. For **Interface**, select the interface on which the shared network must be reachable, e.g., eth1.
6. Enter the **Network Address** with an address mask for the network on the selected interface.

(optional) Step 5. Configure the Shared IPs in the Shared Network for the IPv6 Network

A configured shared IP will be available for assignment to a special service later on. Repeat the following steps until you have configured all necessary shared IP addresses.

1. For **Shared IPs in the Network**, click **+**.
2. The **Shared IPs in this Network** window opens.
3. For **Alias for this IP**, select either **First IP**, **Second IP**, or leave the default value unchanged.
4. If necessary, set **Responds to Ping** to **yes**.
5. Click **OK**.
6. The shared IP address is added to the list of **Shared IPs in this Network**.

Step 6. Finalize the Configuration

1. Click **OK**.
2. The **Shared Networks and IPs** window closes.
3. Click **Send Changes and Activate**.

You can now activate and assign a special service to your firewall and use the configured service IP addresses. For more information, see [How to Assign Services](#).

Figures

1. shared_networks_and_ips_main_window_shared_networks.png
2. shared_networks_and_ips_window_shared_ips.png
3. shared_networks_and_ips_main_window.png

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