How to Enable HA Auto-Pairing for Two Managed Firewalls

https://campus.barracuda.com/doc/96765709/

HA auto-pairing lets you extend a managed firewall to an HA pair of managed boxes. As of firmware release 8.2.1, HA auto-pairing is enabled by default and now supports automated pairing of managed firewalls. If you are using an earlier firmware release, you should not use the auto-pairing feature. Instead, apply the PAR file.

Before You Begin

- Ensure you are familiar with the basic concept of HA auto-pairing. For more information, see HA Auto-Pairing.
- Ensure your managed firewall has firmware 8.3.0 or higher and that the HA auto-pairing feature is enabled by default.
- Ensure that both firewalls are connected via the private uplink cable on the HA port. For more information, see HA Auto-Pairing.

Enable HA Auto-Pairing for Two Managed Firewalls

Step 1 (Only for Virtual Appliances) Activate the HA Auto-Pairing Feature on Both Boxes

You can omit the following steps on hardware appliances because HA auto-pairing is already enabled.

1. Log into your primary/(secondary) firewall.
2. Go to **CONFIGURATION > Configuration Tree > Box > Network**.
3. In the left menu bar, select **Automatic HA Pairing**.
4. Click **Lock**.
5. In the section **Automatic HA Pairing**, set **Enable Automatic HA Pairing** to **yes**.
6. Select the interface from the list **HA physical interface**.

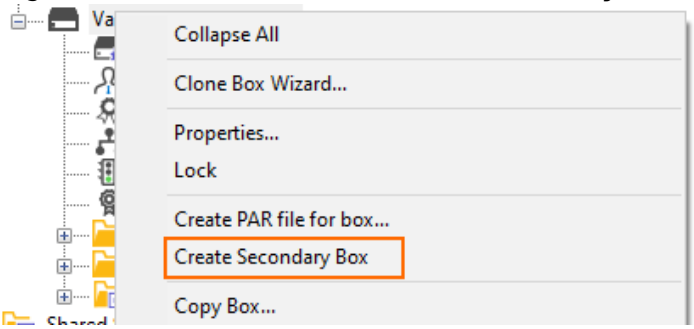
7. Click **Send Changes/Activate**.
8. Repeat the previous steps on the secondary firewall.

Step 2. Create a DHA Configuration on the Primary Firewall

1. On the primary firewall, go to **CONFIGURATION > Configuration Tree > Multi Range >**

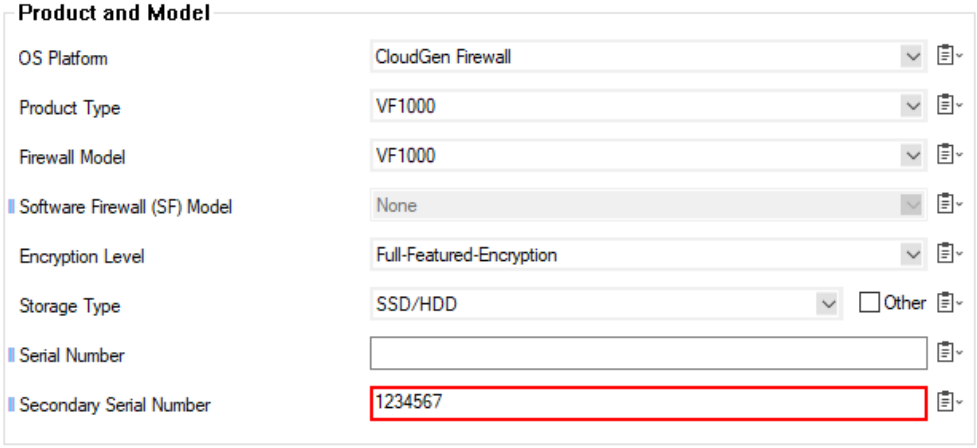
your range* > *your cluster* > Boxes > *your primary box.

2. Right-click **Box** and select **Create Secondary Box**.



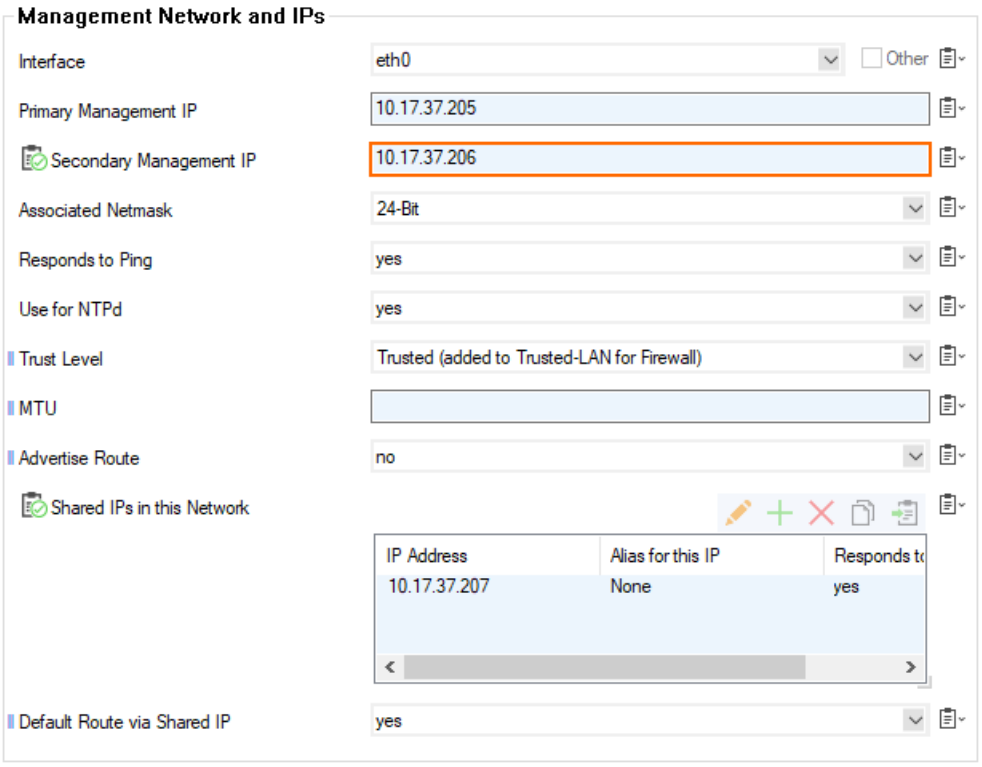
Step 3. Add the Secondary Serial Number on the Primary Firewall

1. Log into the primary firewall.
2. Go to **CONFIGURATION > Configuration Tree > Box > Properties > Identification**.
3. Click **Lock**.
4. In the section **Product and Model**, enter the serial number of the secondary firewall in the field **Secondary Serial Number**.
5. Click **Send Changes/Activate**.



Step 4. On the Primary Firewall, Set the Management IP of the Secondary Firewall

1. On the primary firewall, go to **CONFIGURATION > Configuration Tree > Box > Network > IP Configuration**.
2. In the section **Management Network and IPs**, enter the management IP of the secondary firewall in the field **Secondary Management IP**.



3. Click **Send Changes/Activate**.

Step 5. Initiate a Network Activation on the Primary Firewall

1. Log into your primary firewall.
2. Go to **CONTROL > Box > Network** and click **Activate new network configuration** to initiate a network activation on the primary firewall.

Wait until the pairing is completed. You can also inspect the log-files `box_Config.log` and `box_Control_daemon.log` for details. You can identify all entries caused by HA auto-pairing by the prefix `[AutoPairing]`.

Figures

1. enable_auto_pairing.png
2. ha_auto_pairing_create_secondary_box.png
3. enter_serial_number.png
4. ha_auto_pairing_enter_secondary_mip.png