

Best Practice - Changing the VIP Address of a Managed CloudGen Firewall

<https://campus.barracuda.com/doc/79462712/>

To change the virtual IP (VIP) address of a centrally managed Barracuda CloudGen Firewall, edit the VIP settings and back up the firewall configuration in the Barracuda Firewall Control Center. Then, directly connect to the Barracuda CloudGen Firewall and restore it with the configuration backup that includes the new VIP settings.

Step 1. Add the New VIP Network Range

On the Barracuda Firewall Control Center, add the network range of the new VIP address. Keep the existing VIP network range.

1. Go to **CONFIGURATION > Configuration Tree > Multi-Range > Global Settings > Box VIP Network Ranges**.
2. In the left menu, select **VIP Networks**.
3. Click **Lock**.
4. In the **VIP Networks** table, add an entry for the network range. Configure the following settings for the entry:
 - **Name** - A name for the network range.
 - **Network Address** - The first IP address in the network range.
 - **Netmask** - The netmask.
5. Click **OK**.
6. Click **Send Changes** and **Activate**.

Step 2. Change the Virtual IP Address of the Barracuda CloudGen Firewall

On the Barracuda Firewall Control Center, change the VIP address of the Barracuda CloudGen Firewall.

1. Go to **CONFIGURATION > Configuration Tree > Multi-Range > *your range* > *your cluster* > *your box* > Network**.
2. In the left menu, select **Management Access**.
3. Click **Lock**.
4. Write down the existing **Virtual IP (VIP)** address. You will need this address later.
5. Change the **Virtual IP (VIP)** address.
6. Click **Send Changes** and **Activate**.

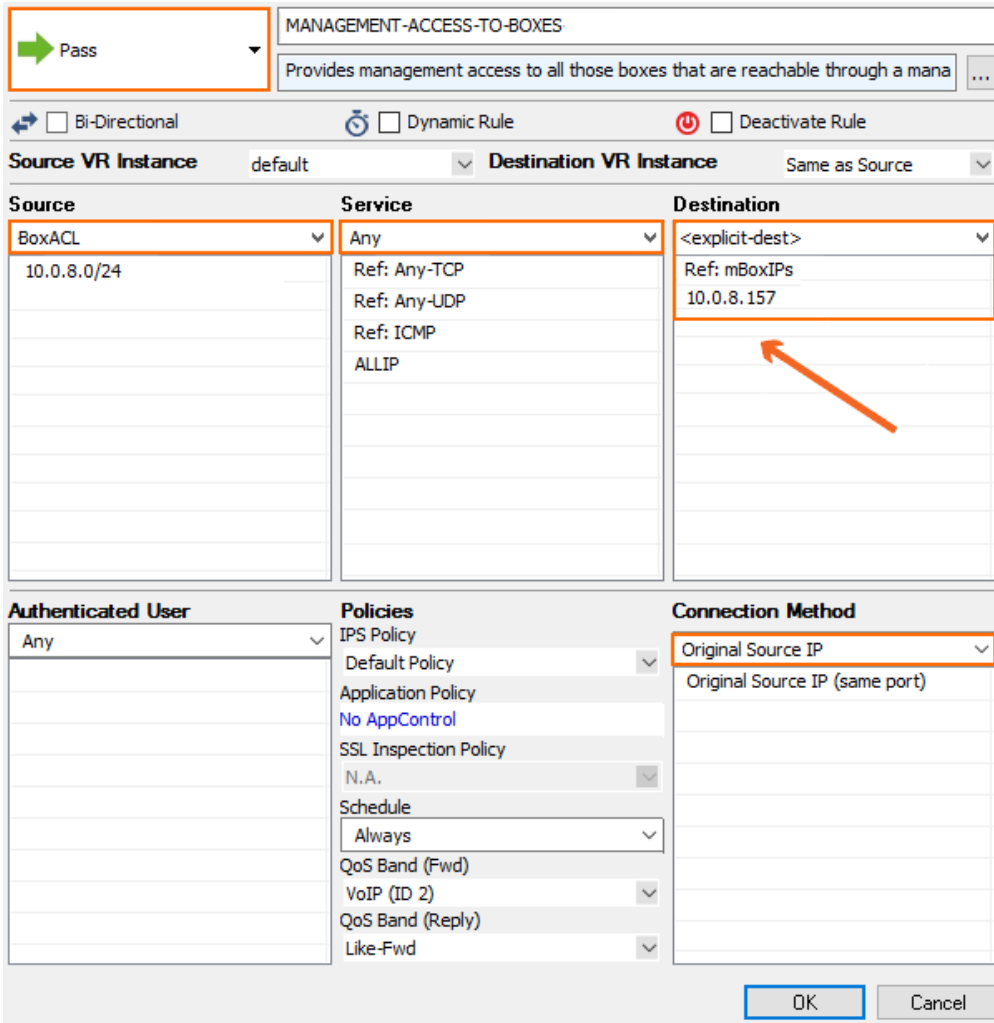
Step 3. Create a PAR File for the Barracuda CloudGen Firewall

On the Barracuda Firewall Control Center, back up the configuration of the Barracuda CloudGen Firewall to a PAR file. For instructions, see [How to Back Up and Restore Firewall and Control Center Configurations](#).

Step 4. Modify the Management Access Firewall Rule for the Barracuda Control Center

To ensure that the Barracuda Firewall Control Center can still connect to the old VIP address of the Barracuda Firewall, edit its **MANAGEMENT-ACCESS-TO-BOXES** [forwarding firewall rule](#) to allow access to the old VIP address.

In the **Destination** table of the **MANAGEMENT-ACCESS-TO-BOXES** rule, add the old VIP address of the firewall.



MANAGEMENT-ACCESS-TO-BOXES
Provides management access to all those boxes that are reachable through a mana ...

Bi-Directional Dynamic Rule Deactivate Rule

Source VR Instance: default Destination VR Instance: Same as Source

Source	Service	Destination
BoxACL 10.0.8.0/24	Any Ref: Any-TCP Ref: Any-UDP Ref: ICMP ALLIP	<explicit-dest> Ref: mBoxIPs 10.0.8.157

Authenticated User: Any

Policies:
IPS Policy: Default Policy
Application Policy: No AppControl
SSL Inspection Policy: N.A.
Schedule: Always
QoS Band (Fwd): VoIP (ID 2)
QoS Band (Reply): Like-Fwd

Connection Method: Original Source IP
Original Source IP (same port)

OK Cancel

After you successfully change VIP addresses, Barracuda Networks recommends that you remove the old VIP address.

Step 5. Restore the Barracuda CloudGen Firewall

From the Barracuda Firewall Control Center, directly connect to the Barracuda CloudGen Firewall with the old VIP address because the firewall is still using this VIP address. Then, assign the new VIP address to the Barracuda CloudGen Firewall by restoring the firewall with the PAR file that you created in [Step 3. Create a PAR File for the Barracuda CloudGen Firewall](#).

For more instructions on how to restore a Barracuda CloudGen Firewall with a PAR file, see [How to Back Up and Restore Firewall and Control Center Configurations](#).

After restoring the configuration, go to the **Control > Box** page and execute a **Soft network**

[activation.](#)

Figures

1. VIP Change.png

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