

## Best Practice - Changing the VIP Address of a Centrally Managed NG Firewall

<https://campus.barracuda.com/doc/41115861/>

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

### In this article

#### Step 1. Add the New VIP Network Range

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

1. Open the **Box VIP Network Ranges** page (**Config > Multi-Range > Global Settings > Box VIP Network Ranges** ).
2. From the **Configuration** menu in the left pane, 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.
  - **Address Range Start** - The IP address of the network range.
  - **Address Range Netmask** - The netmask.
5. Click **OK**.
6. Click **Send Changes** and **Activate**.

#### Step 2. Change the Virtual IP Address of the Barracuda NG Firewall

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

1. Open the **Network** page for the Barracuda NG Firewall (**Config > Multi-Range > range > cluster > Boxes > box > Network**).
2. From the **Configuration** menu in the left pane, 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**.

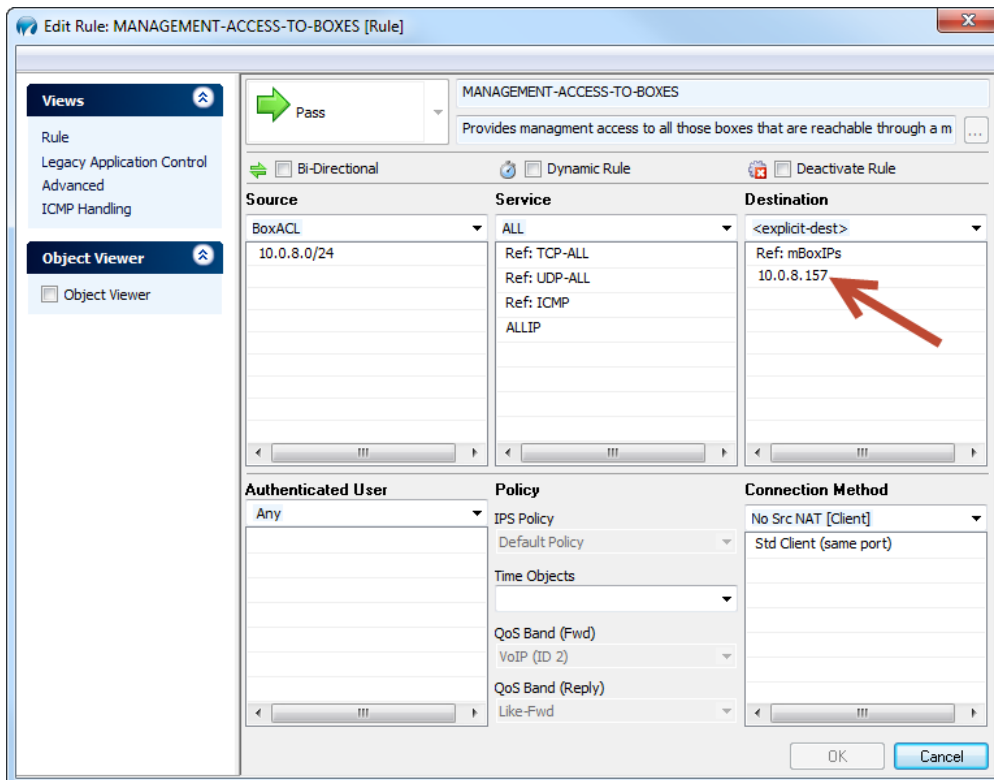
### Step 3. Create a PAR File for the Barracuda NG Firewall

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

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

To ensure that the Barracuda NG 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.



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

## Step 5. Restore the Barracuda NG Firewall

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

For more instructions on how to restore a Barracuda NG Firewall with a PAR file, see [How to Back Up and Restore Your Systems](#).

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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