

To change the IP address of your Raspberry Pi running Pi-hole, you can follow these steps. You'll want to ensure that the new IP address does not conflict with OpenMediaVault or any other devices on your network.

Method 1: Change the IP Address via the Pi-hole Admin Interface (if accessible)

1. Access the Pi-hole Admin Interface:

- Try to access it via its current IP address in a web browser (if possible). The default URL is usually `http://<current-pi-hole-ip>/admin`.

2. Log In:

- Use your admin password to log in.

3. Settings:

- Go to **Settings > Network**.

4. Change Static IP:

- Update the static IP address under **Static IP address** section.
- Save the changes.

5. Reboot:

- Reboot your Raspberry Pi to apply the changes.

Method 2: Change the IP Address via Command Line

If you cannot access the web interface:

1. Connect to Your Raspberry Pi:

- If you can access the Raspberry Pi via SSH, log in using an SSH client (like PuTTY) or a terminal.

```
bash
```

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```
ssh pi@<current-pi-hole-ip>
```

Replace `<current-pi-hole-ip>` with your current Pi-hole IP.

2. Edit the DHCP Configuration:

- Open the DHCP configuration file using a text editor like nano.

```
bash
```

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```
sudo nano /etc/dhcpd.conf
```

3. Locate the Static IP Configuration:

- Look for lines that start with interface, static ip_address, and static routers. It may look something like this:

plaintext

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```
interface eth0
```

```
static ip_address=192.168.1.XX/24
```

```
static routers=192.168.1.1
```

```
static domain_name_servers=127.0.0.1
```

4. Change the IP Address:

- Modify the static ip_address line to a new IP address that doesn't conflict with your OpenMediaVault server.

5. Save and Exit:

- Press CTRL + X, then Y, and hit Enter to save the changes.

6. Reboot:

- Reboot your Raspberry Pi:

bash

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```
sudo reboot
```

Method 3: Set a Different Static IP in Your Router

If you prefer not to change the settings on the Pi:

1. Access Your Router:

- Log into your router's web interface.

2. Find the DHCP Settings:

- Look for a section like **DHCP Reservation** or **Static IP Assignment**.

3. Assign a New IP:

- Reserve a different IP address for your Raspberry Pi's MAC address to prevent it from receiving the same IP as OpenMediaVault.

4. Reboot the Devices:

- Reboot both your Raspberry Pi and OpenMediaVault to apply changes.

After making these changes, ensure you can access the Pi-hole admin interface at the new IP address.