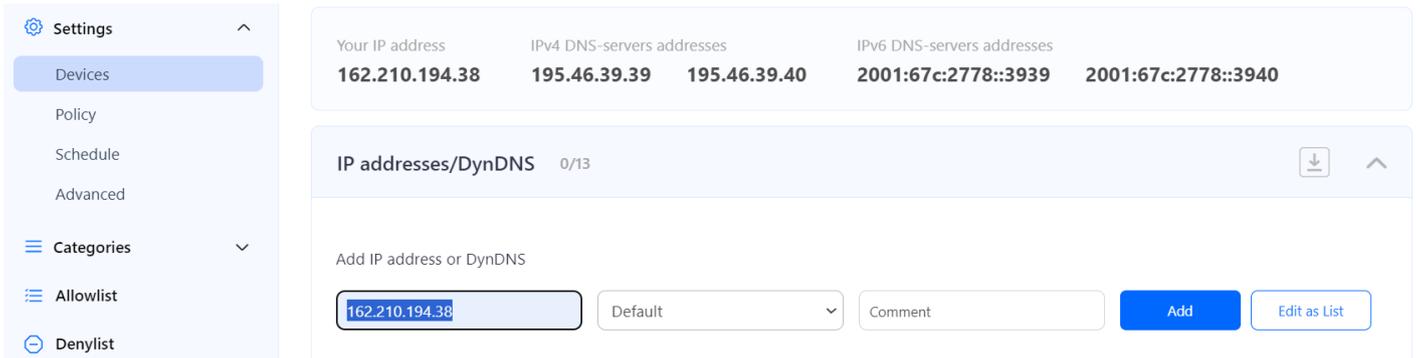


Meraki Router Setup

Router with Static IP address configuration

1. Go to SafeDNS **Dashboard > Settings > Devices** and copy your IP address to the "**IP addresses / DynDNS**" box, choose a policy, and click "**Add**".



The screenshot shows the SafeDNS dashboard interface. On the left is a navigation menu with 'Settings' expanded to show 'Devices', 'Policy', 'Schedule', and 'Advanced'. Below that are 'Categories', 'Allowlist', and 'Denylist'. The main content area shows a table of IP addresses:

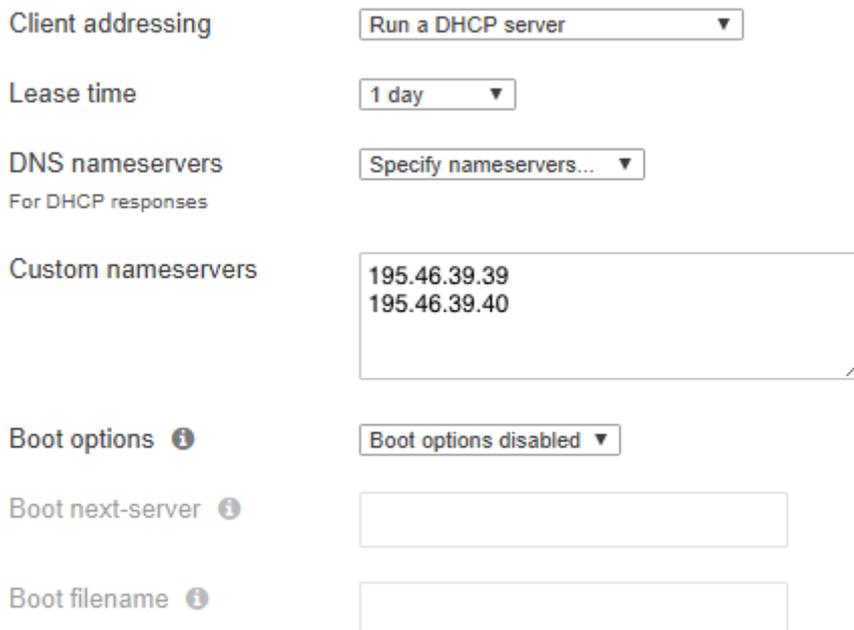
Your IP address	IPv4 DNS-servers addresses	IPv6 DNS-servers addresses
162.210.194.38	195.46.39.39 195.46.39.40	2001:67c:2778::3939 2001:67c:2778::3940

Below the table is a section titled 'IP addresses/DynDNS' with a '0/13' counter and a download icon. It contains a form to 'Add IP address or DynDNS' with a text input field containing '162.210.194.38', a dropdown menu set to 'Default', a 'Comment' field, and 'Add' and 'Edit as List' buttons.

2. Change your router's DNS servers to SafeDNS addresses:

To do that, on the Meraki Dashboard, navigate to **Security & SD-WAN > Configure > DHCP > Main subnet/VLAN ID > DNS nameservers** and choose **Specify nameservers...** from the drop-down.

In the "**Custom nameservers**" field indicate SafeDNS addresses – **195.46.39.39** and **195.46.39.40**



The screenshot shows the DHCP configuration page in the Meraki dashboard. It includes the following fields:

- Client addressing:** Run a DHCP server
- Lease time:** 1 day
- DNS nameservers:** Specify nameservers... (For DHCP responses)
- Custom nameservers:** 195.46.39.39, 195.46.39.40
- Boot options:** Boot options disabled
- Boot next-server:** (Empty text box)
- Boot filename:** (Empty text box)

You have successfully configured your router.

Please note that settings take 5-7 minutes to apply.
Stats and filtering status update every 10 minutes.

Router with Dynamic IP address configuration

Using Meraki Built-in Dynamic DNS.

1. Once on the **Security & SD-WAN > Monitor > Appliance status** page, select the pencil icon next to **Hostname**, located between the **WAN IP** and **Serial Number** on the left of the page.

WARM SPARE

Configure warm spare

WAN 1

Active

WAN 2

Not connected

HOSTNAME

dynamic-m.com



SERIAL NUMBER

Q2PN-

A dialog box will appear for configuring Dynamic DNS. Select **Enabled** in the dialog box and enter a public domain name if necessary, then select **Update**.

Configure Dynamic DNS

X

Automatic
Registration

Enabled

Disabled

Public domain
name

mx60

The security appliance is reachable at the following domain names:

mx60-bjvqggbknd.dynamic-m.com

mx60-bjvqggbknd-1.dynamic-m.com

mx60-bjvqggbknd-2.dynamic-m.com

Cancel

Update

"mx60-bjvqggbknd.dynamic-m.com" will resolve to the public IP of the **active WAN link**

"mx60-bjvqggbknd-1.dynamic-m.com" will resolve to public IP of **WAN 1**

"mx60-bjvqggbknd-2.dynamic-m.com" will resolve to the public IP of **WAN 2**

2. Go to SafeDNS **Dashboard > Settings > Devices** and copy the DynDNS hostname of the needed WAN to the "**IP addresses / DynDNS**" box, choose a policy, and click "**Add**".

The screenshot shows the 'Devices' configuration page in the SafeDNS dashboard. The left sidebar contains a navigation menu with 'Main', 'User administration', 'Settings', 'Devices', 'Policy', 'Schedule', 'Advanced', 'Categories', 'Allowlist', 'Denylist', 'Stats', and 'New Stats (Beta)'. The 'Devices' section is active, and the 'IP addresses / DynDNS' tab is selected. The main content area displays the following information:

Your IP address	IPv4 DNS-servers addresses	IPv6 DNS-servers addresses	DoH address
162.210.194.38	195.46.39.39 195.46.39.40	2001:67c:2778::3939 2001:67c:2778::3940	https://doh.safedns.com

Below this information, there is a section titled 'IP addresses/DynDNS 0/13'. It contains a form to 'Add IP address or DynDNS' with the following fields:

- Input field: justatestname01.ddns.net
- Policy dropdown: Default
- Comment field: (empty)
- Buttons: Add, Edit as List

Once added, you will see it in the **DynDNS** section of the Dashboard.



Add IP address or DynDNS

Default



Add

Edit as List



IP address/DynDNS

Policy

Comment

justatestname01.ddns.net

Default



After **DynDNS** is enabled, you can confirm it is working by performing a DNS query for the MX DDNS hostname. Open a command prompt (cmd) on any workstation and type "nslookup <your dynamic DNS name>." The DNS response should return the current active public IP address.

Revision #3

Created 10 February 2025 09:14:11 by Mickaël Gauthier

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