

# 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**".

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

  

IP addresses/DynDNS	0/13
Add IP address or DynDNS	
<input type="text" value="162.210.194.38"/>	<input type="text" value="Default"/> <input type="text" value="Comment"/> <input type="button" value="Add"/> <input type="button" value="Edit as List"/>

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**

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:

Boot filename:

**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



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**".

Main

User administration

Settings

Devices

Policy

Schedule

Advanced

Categories

Allowlist

Denylist

Stats

New Stats (Beta)

Devices

Policy

Schedule

Advanced

Video instruction for setting up

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

IP addresses/DynDNS 0/13

Add IP address or DynDNS

justatestname01.ddns.net

Default

Comment

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.

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