

Router Setup

Router with Static IP address configuration

<https://www.youtube.com/embed/zzLLIdNPnyU>

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

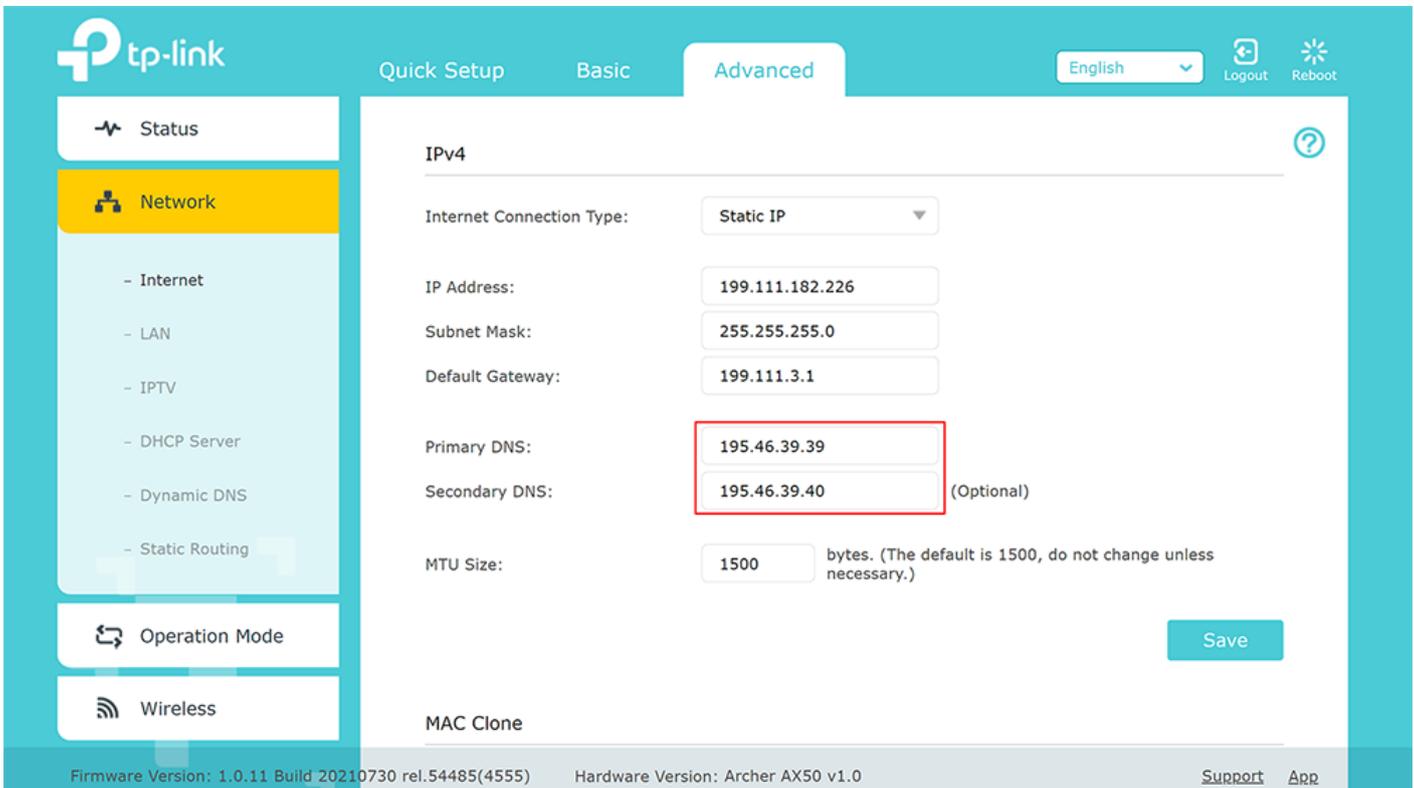


Your IP address	IPv4 DNS-servers addresses	IPv6 DNS-servers addresses
162.210.194.38	195.46.39.39 195.46.39.40	2001:67c:2778::3939 2001:67c:2778::3940

IP addresses/DynDNS 0/13

Add IP address or DynDNS

2. Change your router's DNS servers to SafeDNS addresses - **195.46.39.39** and **195.46.39.40**



tp-link Quick Setup Basic **Advanced** English Logout Reboot

Status

Network

- Internet
- LAN
- IPTV
- DHCP Server
- Dynamic DNS
- Static Routing

Operation Mode

Wireless

IPv4

Internet Connection Type: Static IP

IP Address: 199.111.182.226

Subnet Mask: 255.255.255.0

Default Gateway: 199.111.3.1

Primary DNS: 195.46.39.39

Secondary DNS: 195.46.39.40 (Optional)

MTU Size: 1500 bytes. (The default is 1500, do not change unless necessary.)

MAC Clone

Save

Firmware Version: 1.0.11 Build 20210730 rel.54485(4555) Hardware Version: Archer AX50 v1.0 Support App

You have successfully configured your router.

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

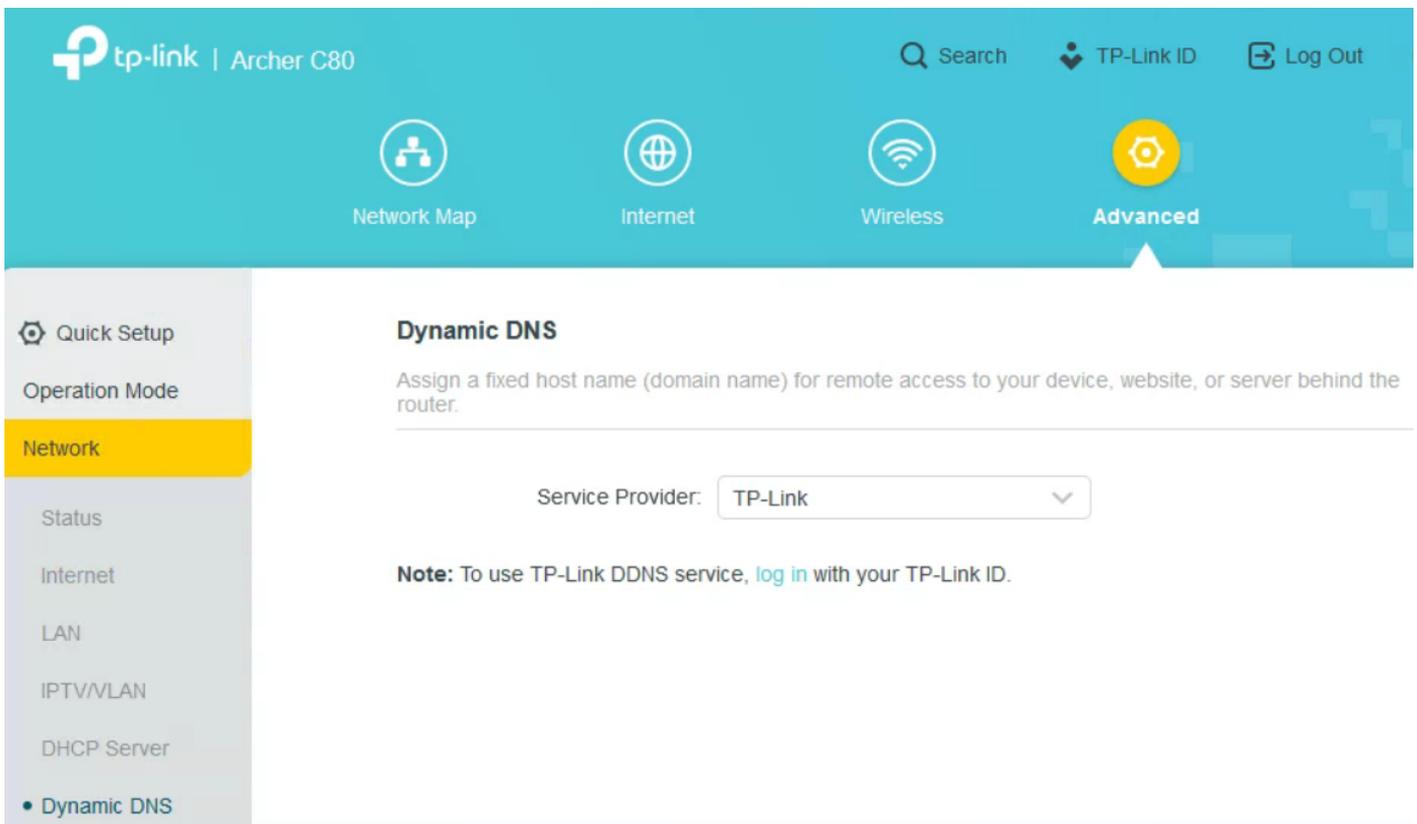
Router with Dynamic IP address configuration

<https://www.youtube.com/embed/XuY-UjPULXw>

In case you have a Dynamic IP address, you need to configure the DynDNS/DDNS on the router using a Dynamic DNS service.

Most modern routers provide their own DynDNS services. We recommend using them.

Here's an example of the DynDNS menu on the TP-Link router with the TP-Link service provider:

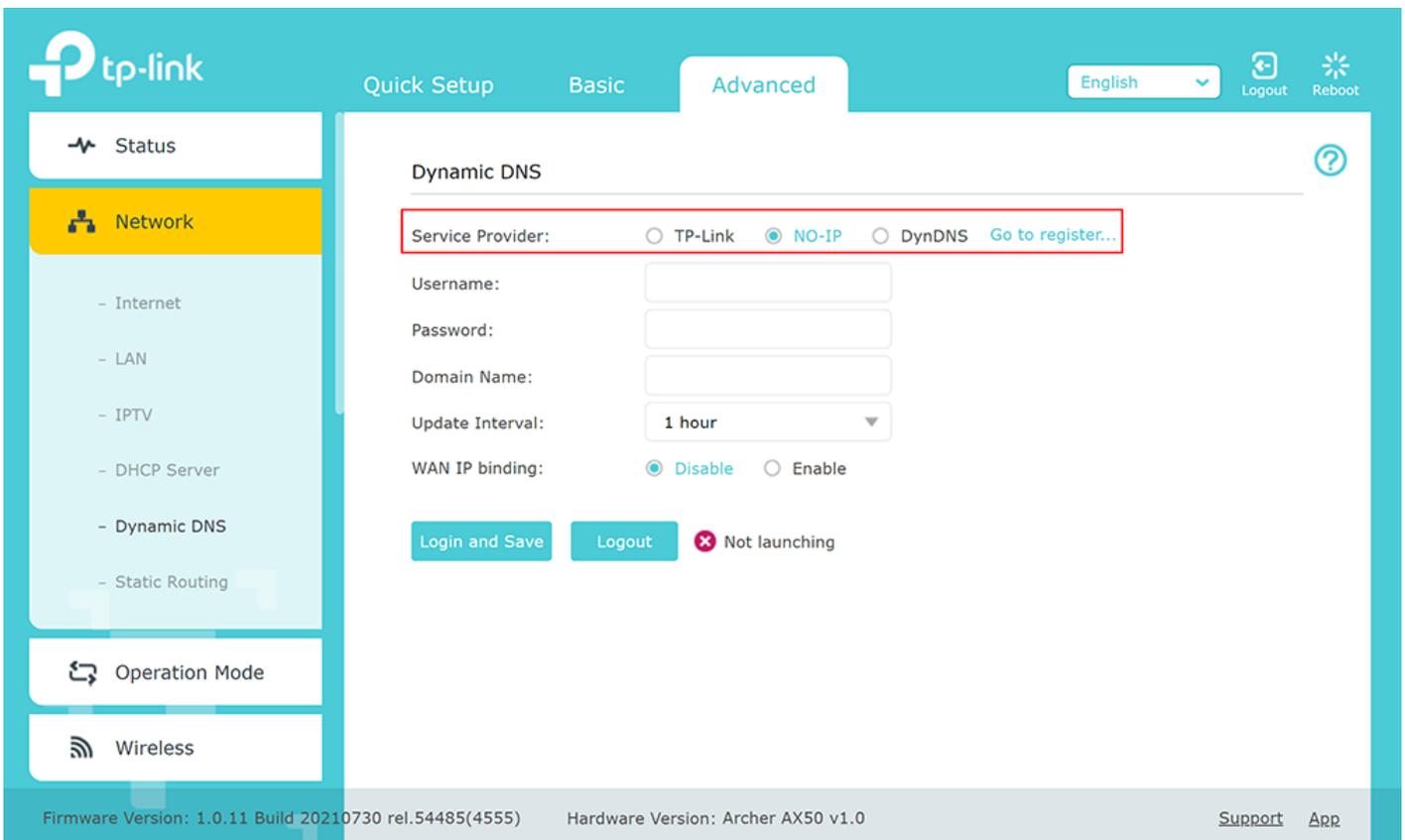


The screenshot shows the TP-Link Archer C80 router web interface. The top navigation bar includes the TP-Link logo, the model name 'Archer C80', a search icon, 'TP-Link ID', and 'Log Out'. Below the navigation bar are four main menu items: 'Network Map', 'Internet', 'Wireless', and 'Advanced' (which is highlighted with a yellow circle). On the left side, there is a sidebar menu with options: 'Quick Setup', 'Operation Mode', 'Network' (highlighted in yellow), 'Status', 'Internet', 'LAN', 'IPTV/VLAN', 'DHCP Server', and 'Dynamic DNS' (indicated with a blue dot). The main content area is titled 'Dynamic DNS' and contains the following text: 'Assign a fixed host name (domain name) for remote access to your device, website, or server behind the router.' Below this text is a dropdown menu for 'Service Provider' with 'TP-Link' selected. A note below the dropdown reads: 'Note: To use TP-Link DDNS service, log in with your TP-Link ID.'

You only need to create a DynDNS record in the router interface. Then skip to Step 6 below.

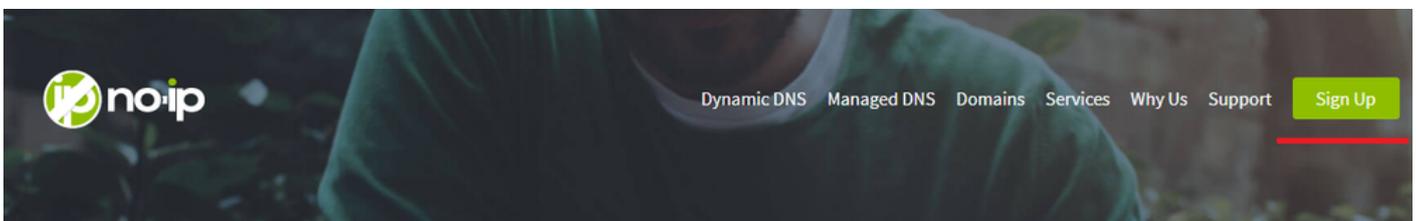
If your router does not have its own DynDNS service provider, we recommend using third-party NO-IP DynDNS.

1. In the router setting, go to DynDNS/DDNS settings,



2. Check the DynDNS service available for your router. If available, we recommend using the No IP DynDNS service provider.

3. Go to the website noip.com and sign up.



4. In your No-IP account, create a hostname (any name you can think of).

noip Support English demo@safedns.com

Dashboard Dynamic DNS **No-IP Hostnames** Personal Hostnames Groups Dynamic Update Client Update Clients Device Configuration Assistant My Services Account Support Center Add Priority Support

Hostnames

Create Hostname Search...

Hostname	Last Update	IP / Target	Type
- You currently have 0 hostnames, add one to get started -			

Help with Hostnames

Configure Your No-IP Hostname

Ever wondered what the difference is between Round Robin, A, CNAME records, and more? A quick guide of each DNS record type as well as how you would use them.

No-IP Referral Program

Ready to Earn \$5 in No-IP Credits For Every Paid Customer That You Refer to No-IP?

my@1462c31 2021-10-29T20:47:30Z web03

noip Support English demo@safedns.com

Dashboard Dynamic DNS **No-IP Hostnames** Personal Hostnames Groups Dynamic Update Client Update Clients Device Configuration Assistant My Services Account Support Center Add Priority Support

Hostnames

Create Hostname Search...

Hostname	Last Update	IP / Target	Type
justatestname01.ddns.net <small>Active</small>	Oct 31, 2021 07:55 PDT	162.210.194.38	A Modify

Help with Hostnames

Configure Your No-IP Hostname

Ever wondered what the difference is between Round Robin, A, CNAME records, and more? A quick guide of each DNS record type as well as how you would use them.

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my@1462c31 2021-10-29T20:47:30Z web03

Create a Hostname

Hostname ⓘ

Domain ⓘ

Record Type

 DNS Host (A) ⓘ AAAA (IPv6) ⓘ DNS Alias (CNAME) ⓘ Web Redirect ⓘ

[Manage](#) your Round Robin, TXT, SRV and DKIM records.

IPv4 Address ⓘ

Wildcard ⓘ

[Upgrade to Enhanced](#)

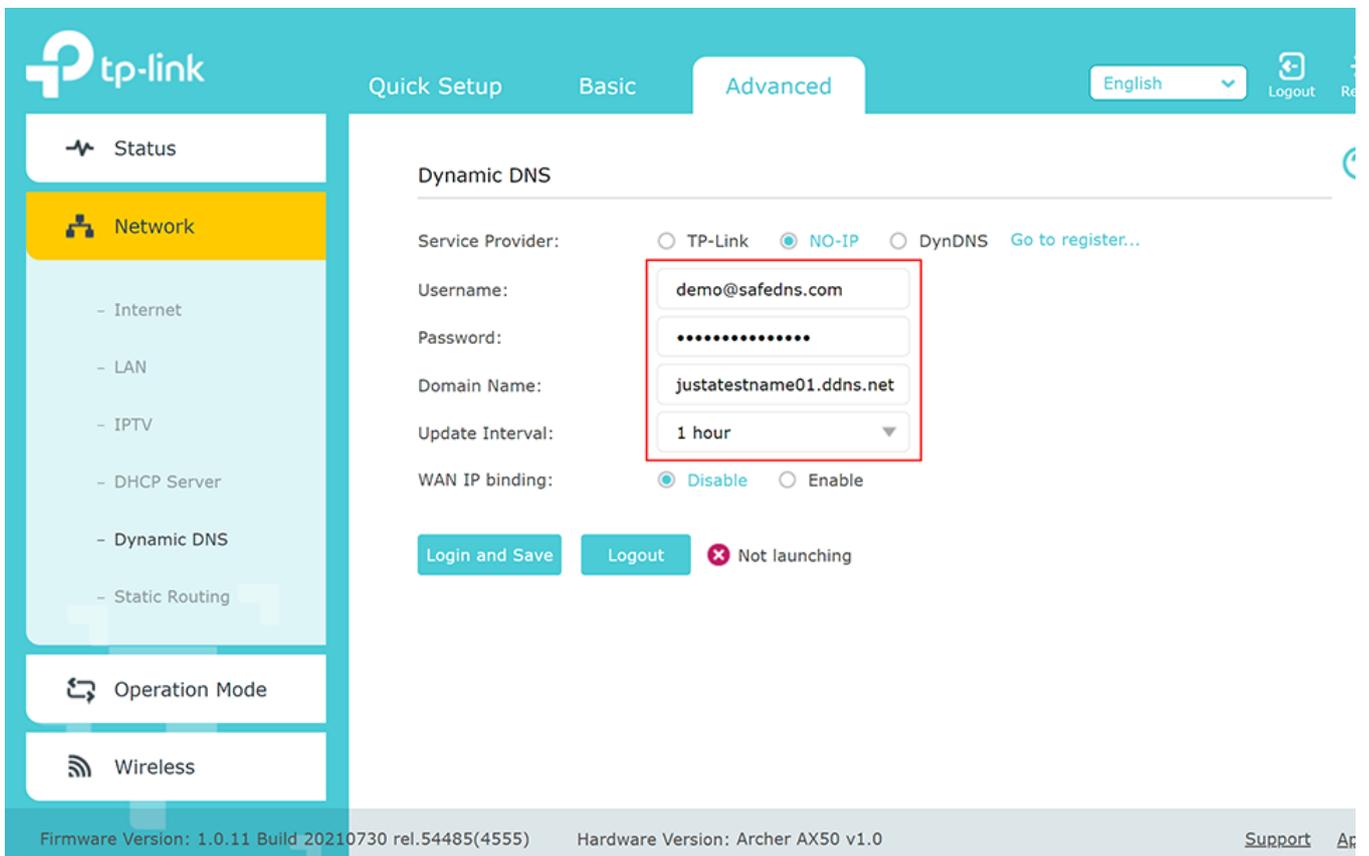
to enable wildcard hostnames.

MX Records

[+ Add MX Records](#)

5. Go back to your router and configure DDNS/DynDNS.

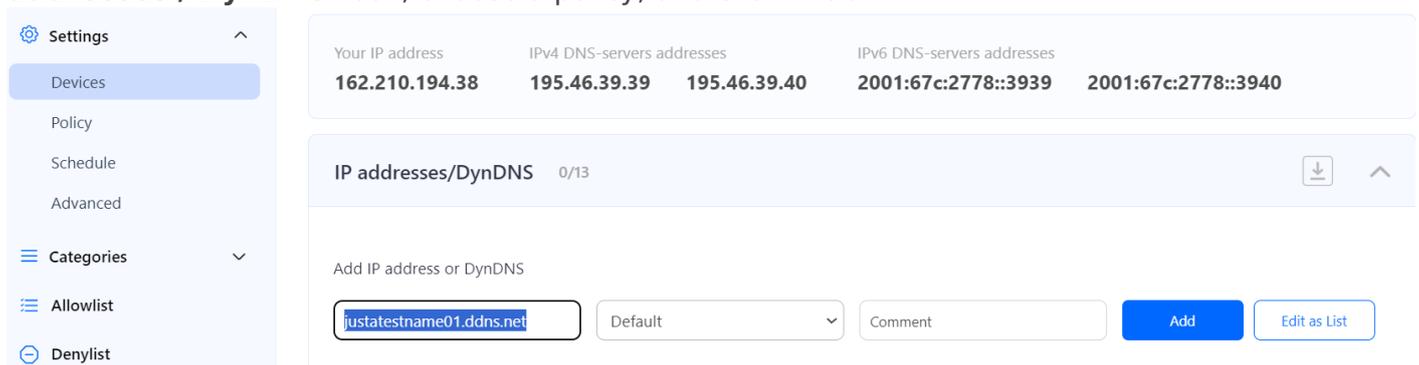
- Select No-IP as "**Service provider**".
- Type in the created hostname in the "**Hostname**" field.
- Type in your No-IP account credentials as "Username" and "Password", and click "Save".



If everything is correct, DynDNS/DDNS settings will apply.



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



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

The screenshot shows a router's settings interface. On the left is a navigation menu with options like Settings, Devices, Policy, Schedule, Advanced, Categories, Allowlist, Denylist, Stats, Help, and Account. The main content area displays network information:

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

Below this is a section titled "IP addresses/DynDNS" with a table:

IP address or DynDNS	Policy	Comment
justatestname01.ddns.net	Default	

There are also input fields for adding a new IP address or DynDNS entry, including a dropdown for "Default" and an "Add" button.

7. Change your router's DNS servers to SafeDNS addresses - **195.46.39.39** and **195.46.39.40**

The screenshot shows the TP-Link Archer AX50 v1.0 router's "Advanced" network settings page. The "IPv4" section is active, showing the following configuration:

- Internet Connection Type: **Static IP**
- IP Address: **199.111.182.226**
- Subnet Mask: **255.255.255.0**
- Default Gateway: **199.111.3.1**
- Primary DNS: **195.46.39.39**
- Secondary DNS: **195.46.39.40** (Optional)
- MTU Size: **1500** bytes. (The default is 1500, do not change unless necessary.)

A red box highlights the Primary and Secondary DNS fields. The "Save" button is visible at the bottom right of the configuration area.

You have successfully configured your router.

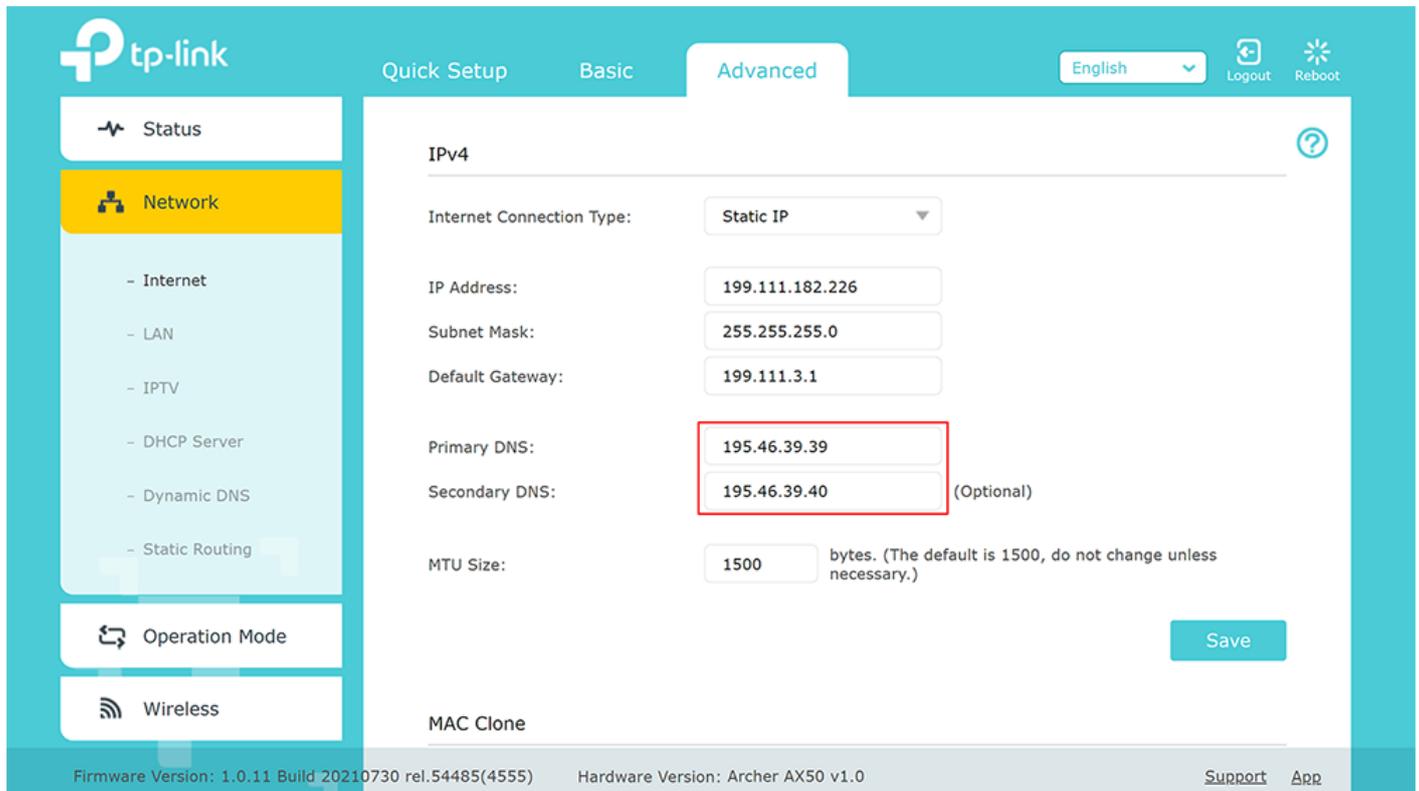
Please note that settings take 5-7 minutes to apply.
Stats and filtering status update every 10 minutes.

Configuring the filter using the DDclient.

In rare cases when your router does not have a DynDNS/DDNS setting and your IP is Dynamic, you need to use third-party software - **DDclient** - on the PC connected to the network:

1. [Install DDclient](#) on a PC connected to the network. Once DDclient is installed, all devices connected to the same network will be filtered by the same rules.

2. Set up DNS servers in your router:



The screenshot shows the TP-Link Archer AX50 v1.0 router's web interface. The 'Advanced' tab is selected, and the 'IPv4' configuration page is displayed. The 'Internet Connection Type' is set to 'Static IP'. The IP Address is 199.111.182.226, the Subnet Mask is 255.255.255.0, and the Default Gateway is 199.111.3.1. The Primary DNS is 195.46.39.39 and the Secondary DNS is 195.46.39.40 (Optional). The MTU Size is 1500 bytes. The 'Save' button is visible at the bottom right of the configuration area.

Field	Value
Internet Connection Type	Static IP
IP Address	199.111.182.226
Subnet Mask	255.255.255.0
Default Gateway	199.111.3.1
Primary DNS	195.46.39.39
Secondary DNS	195.46.39.40 (Optional)
MTU Size	1500 bytes. (The default is 1500, do not change unless necessary.)

Revision #11

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