

Router Setup

The first step is the same for both Static and Dynamic IP address configurations: 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 Advanced Setup page. The left sidebar contains navigation links: Status, Network (highlighted), Operation Mode, and Wireless. The Network section is expanded, showing sub-links: Internet, LAN, IPTV, DHCP Server, Dynamic DNS, and Static Routing. The main content area is titled 'IPv4' and shows 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. A 'Save' button is located at the bottom right of the configuration area. The bottom status bar shows: Firmware Version: 1.0.11 Build 20210730 rel.54485(4555), Hardware Version: Archer AX50 v1.0, and links for Support and App.

Router with Static IP address configuration

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

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

Devices

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 1/5

Add IP address or DynDNS

You have successfully configured your router.

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

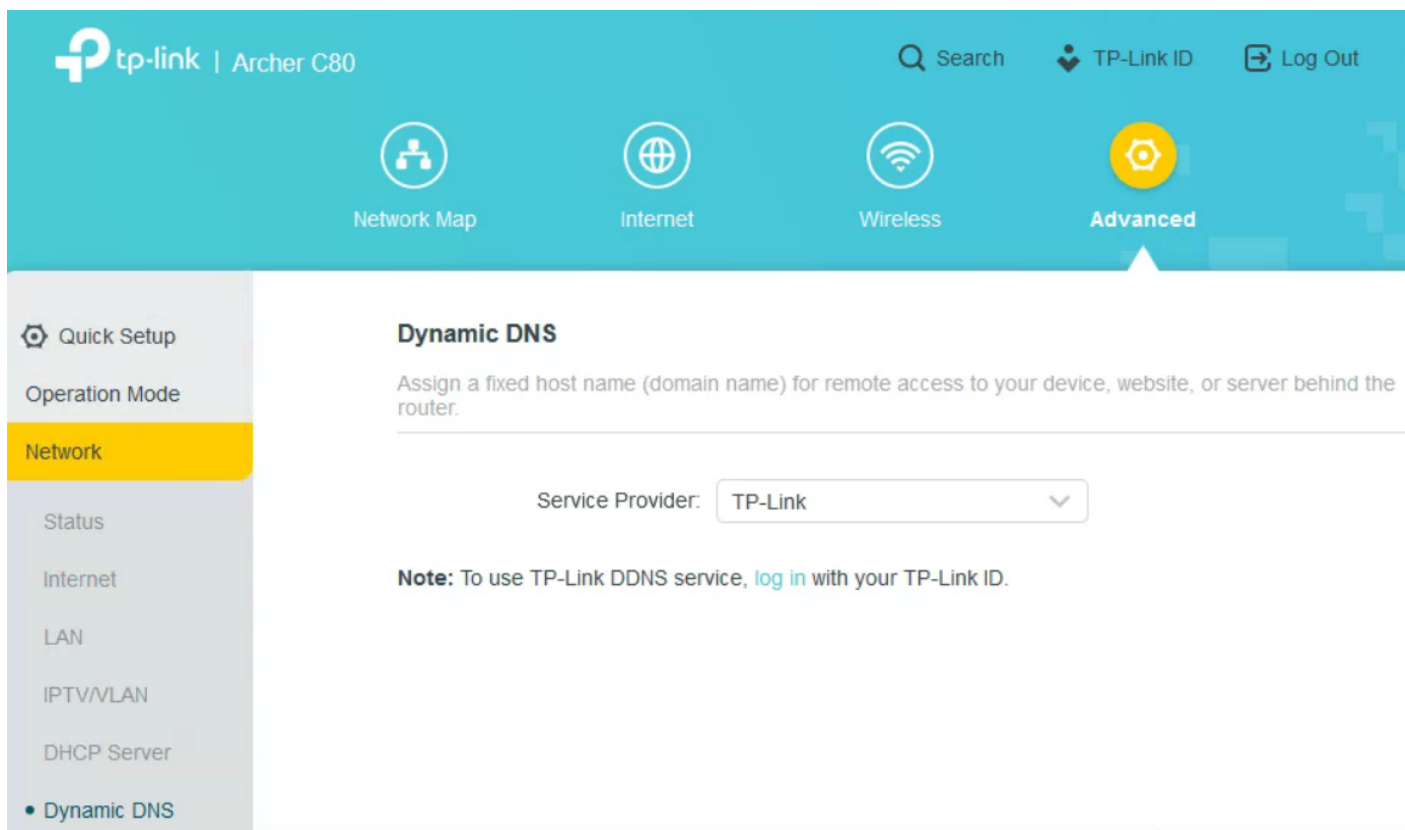
Router with Dynamic IP address configuration

<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.

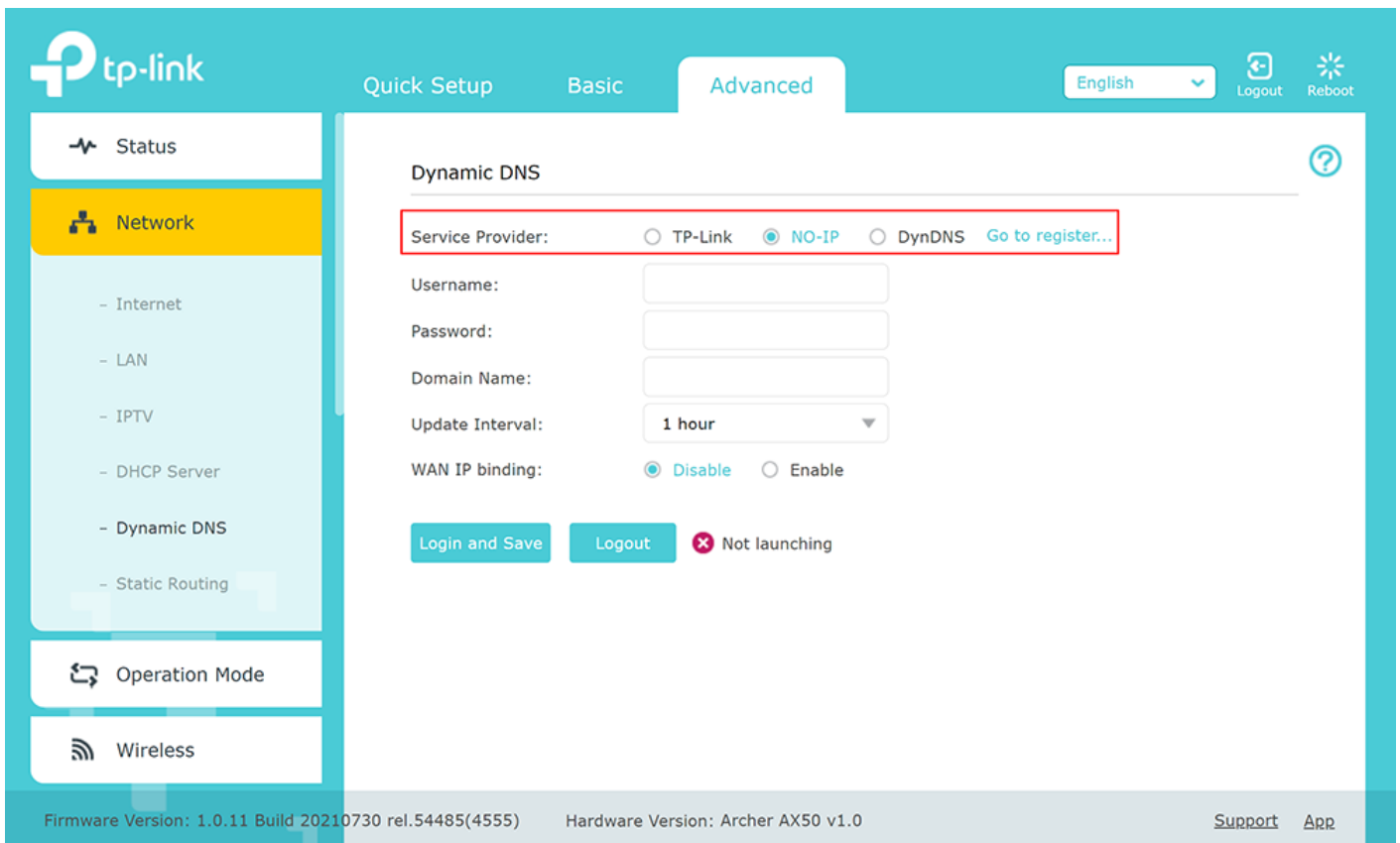
Here's an example of the DynDNS menu on the TP-Link router with the TP-Link service provider:



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

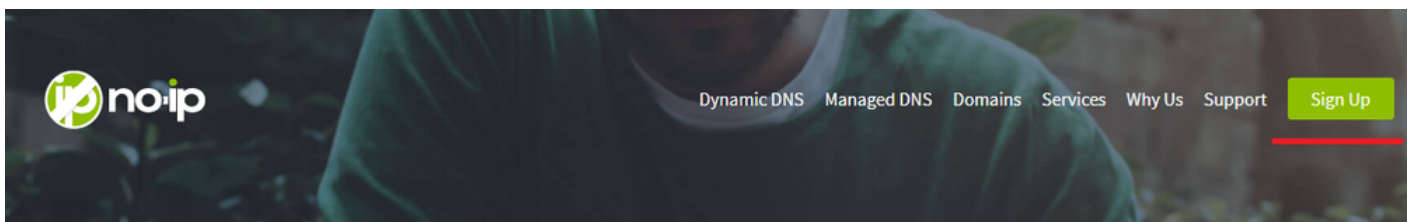
If your router does not have its own DynDNS service provider, we recommend using third-party NO-IP DynDNS.

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
<div>justatestname01.ddns.net</div> <div>Active</div>	Oct 31, 2021 07:55 PDT	162.210.194.38	<div>A</div> <div>Modify</div>

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

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

Create a Hostname

Hostname ⓘ

justatestname01

Domain ⓘ

ddns.net

Record Type

☒ DNS Host (A) ⓘ

☐ AAAA (IPv6) ⓘ

☐ DNS Alias (CNAME) ⓘ

☐ Web Redirect ⓘ

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

IPv4 Address ⓘ

162.210.194.38

Wildcard ⓘ

[Upgrade to Enhanced](#)

to enable wildcard hostnames.

MX Records

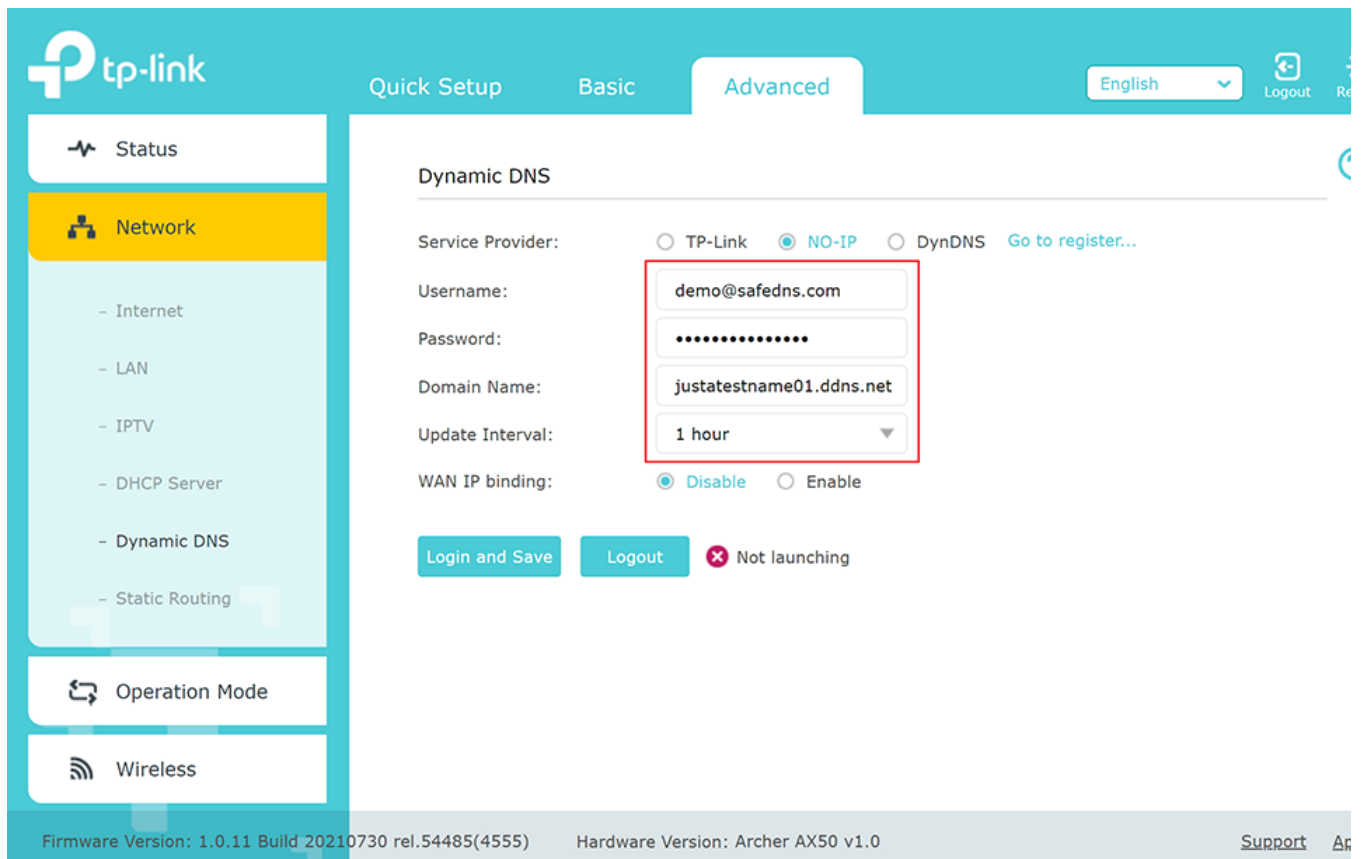
[+ Add MX Records](#)

Cancel

Create Hostname

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**".

Devices

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 1/5

Add IP address or DynDNS

justatestname01.ddns.net

Default

Comment

Add

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

IP addresses/DynDNS 1/5

Add IP address or DynDNS

Enter an IP-address or DynDNS

Default

Comment

Add

IP address or DynDNS

IP address/DynDNS

Policy

Comment

justatestname01.ddns.net

Default

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. Set up DNS servers in your router:

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.)

Save

MAC Clone

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

2. [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.

Revision #9

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