

AdGuard Home

[AdGuard Home](#) is a network-wide software for blocking ads & tracking. After you set it up, it'll cover ALL your home devices, and you don't need any client-side software for that. With the rise of Internet-Of-Things and connected devices, it becomes more and more important to be able to control your whole network.

More advanced information in their [GitHub repository](#).

Installation

```
curl -s -S -L  
https://raw.githubusercontent.com/AdguardTeam/AdGuardHome/master/scripts/install.sh | sh -s -- -v
```

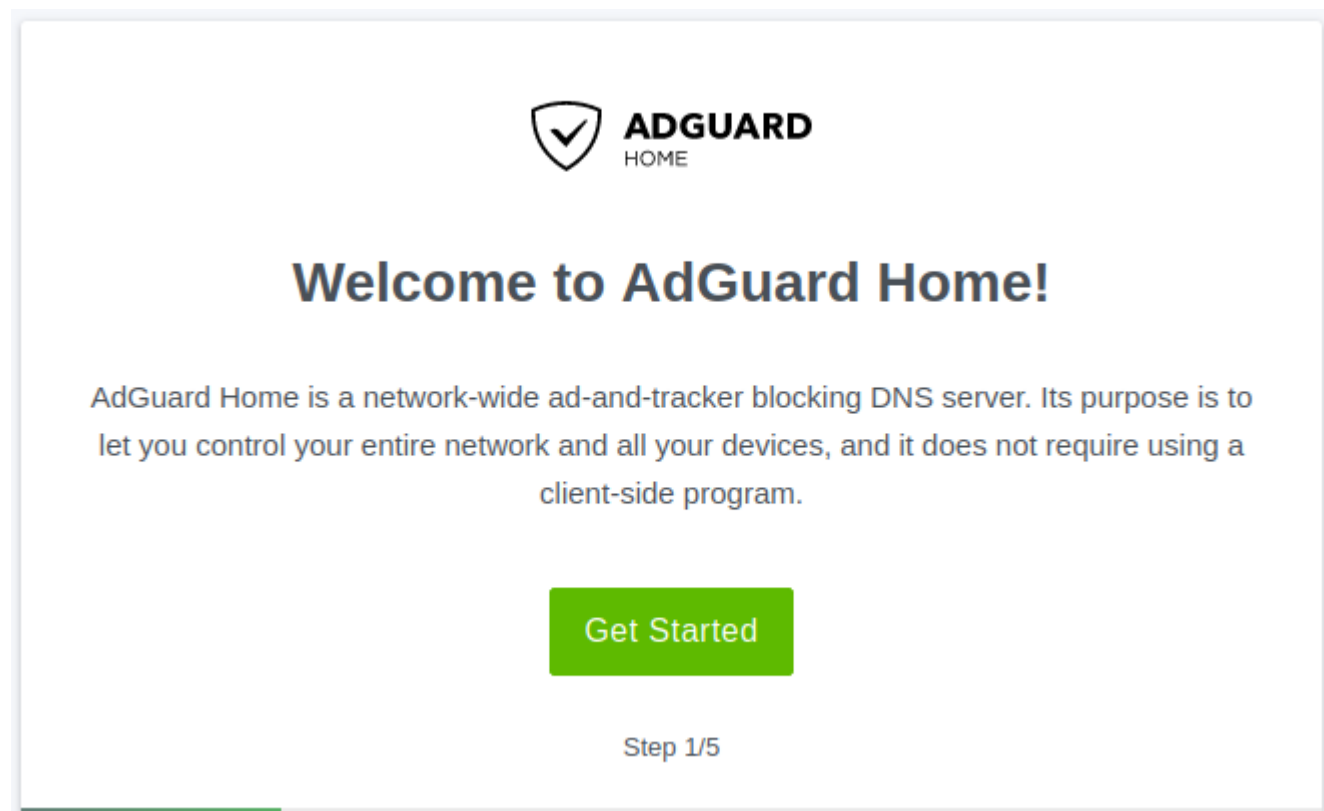
Check if it's running:

```
systemctl status AdGuardHome.service
```


Files are under /opt/AdGuardHome/

Web Interface

Go to <http://server-ip:3000> and follow the instructions:



Change the port number if you use [nginx](#) or something else. Check also [ssl](#). Leave the rest as it is:



Admin Web Interface

Listen interface

Port

All interfaces

80

Your AdGuard Home admin web interface will be available on the following addresses:

- <http://127.0.0.1>
- <http://192.168.100.48>
- <http://::1>
- <http://fe80::260e:54d2:5059:d86d%ens18>

DNS server

Listen interface

Port

All interfaces

53

You will need to configure your devices or router to use the DNS server on the following addresses:

- 127.0.0.1**
- 192.168.100.48**
- ::1**
- fe80::260e:54d2:5059:d86d%ens18**

Static IP Address

AdGuard Home is a server so it needs a static IP address to function properly.
Otherwise, at some point, your router may assign a different IP address to this device.

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Step 2/5

Set your admin user:



Authentication

Password authentication to your AdGuard Home admin web interface must be configured. Even if AdGuard Home is accessible only in your local network, it is still important to protect it from unrestricted access.

Username



Password

Confirm password

Back

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Step 3/5

Configure your router to route all DNS requests to your AdGuard Home Server so that all devices on your network can benefit from the new DNS server:



Configure your devices

To start using AdGuard Home, you need to configure your devices to use it.

AdGuard Home DNS server is listening on the following addresses:

- **127.0.0.1**
- **192.168.100.48**
- **::1**
- **fe80::260e:54d2:5059:d86d%ens18**



Router



Windows



macOS



Android



iOS



DNS Privacy

Router

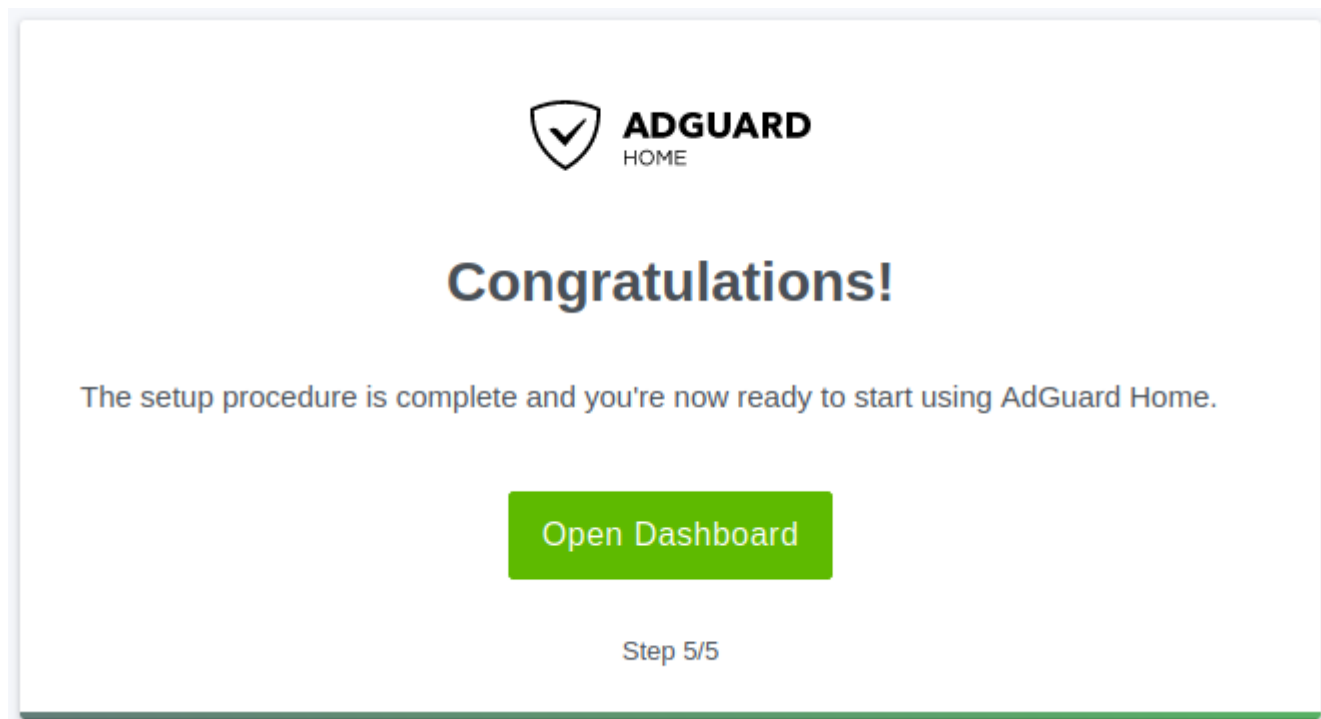
This setup automatically covers all devices connected to your home router, no need to configure each of them manually.

1. Open the preferences for your router. Usually, you can access it from your browser via a URL, such as <http://192.168.0.1/> or <http://192.168.1.1/>. You may be prompted to enter a password. If you don't remember it, you can often reset the password by pressing a button on the router itself, but be aware that if this procedure is chosen, you will probably lose the entire router configuration. If your router requires an app to set it up, please install the app on your phone or PC and use it to access the router's settings.
2. Find the DHCP/DNS settings. Look for the DNS letters next to a field which allows two or three sets of numbers, each broken into four groups of one to three digits.
3. Enter your AdGuard Home server addresses there.
4. On some router types, a custom DNS server cannot be set up. In that case, setting up AdGuard Home as a [DHCP server](#) may help. Otherwise, you should check the router manual on how to customize DNS servers on your specific router model.

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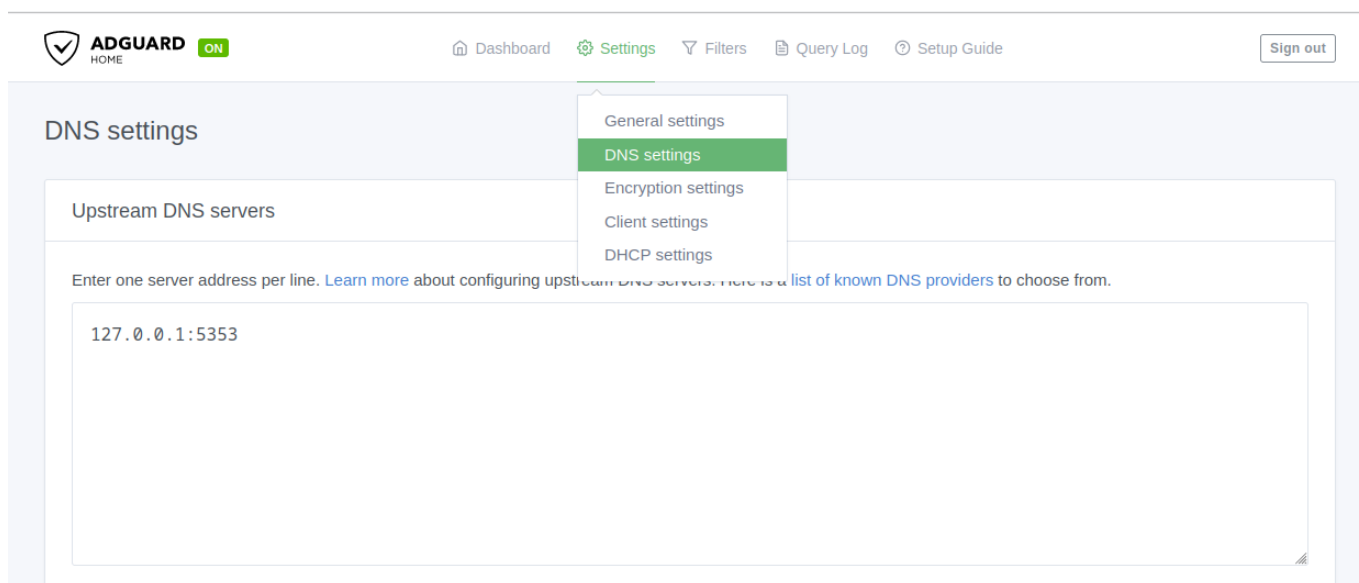
Step 4/5

That's it:



Unbound & DNSCrypt

If you're going to use [unbound](#) and/or [dnscrypt](#) you'll need to change the Upstream DNS servers:



DNS blocklists

Go to <https://firebog.net/> and chose whatever you want to block. Also search for something like [Blocklist for AdGuard or PiHole](#)

ADGUARD

HOME

ON

Dashboard

Settings

Filters

Query Log

Setup Guide

Sign out

DNS blocklists

AdGuard Home will block domains matching the blocklists.

AdGuard Home understands basic adblock rules and hosts files syntax.

DNS blocklists

DNS allowlists

DNS rewrites

Blocked services

Custom filtering rules

| Enabled | Name | List URL | Rules count | Last time updated | Actions |
|-------------------------------------|--------------------------|---|-------------|---------------------------|-----------------------------------|
| <input checked="" type="checkbox"/> | AdGuard DNS filter | https://adguardteam.github.io/... | 48,628 | January 23, 2023 at 20:44 | <div><div></div><div></div></div> |
| <input type="checkbox"/> | AdAway Default Blocklist | https://adguardteam.github.io/... | 0 | — | <div><div></div><div></div></div> |
| | | | | | |
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Add blocklist

Check for updates

DNS rewrites

If you're going to use for example [ssl](#) it's an easy task to add all your server domains like `nextcloud.home` to AdGuard Home instead of your router or `/etc/hosts` file.

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DNS rewrites

Allows to easily configure custom DNS response for a specific domain name.

DNS blocklists

DNS allowlists

DNS rewrites

Blocked services

Custom filtering rules

| Domain | Answer | Actions |
|----------------|---------|------------------------|
| nextcloud.home | YOUR-IP | <div><div></div></div> |
| | | |
| | | |
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Add DNS rewrite

<http://wiki.techsaviours.org/>

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Add DNS rewrite ✕

Enter the domain name or wildcard you want to be rewritten.

Examples:

1. `example.org` – rewrite responses for this domain name only.
2. `*.example.org` – rewrite responses for all `example.org` subdomains.

- IP address: use this IP in an A or AAAA response
- Domain name: add a CNAME record
- `A`: special value, keep `A` records from the upstream
- `AAAA`: special value, keep `AAAA` records from the upstream

CancelSave

You can also add the domains under:

```
nano /opt/AdGuardHome/AdGuardHome.yaml
```

```
dns:
  rewrites:
    - domain: nextcloud.home
      answer: YOUR-IP
    - domain: searx.home
      answer: YOUR-IP
```

```
systemctl restart AdGuardHome.service
```

Uninstall

```
curl -s -S -L
https://raw.githubusercontent.com/AdguardTeam/AdGuardHome/master/scripts/install.sh | sh -s -- -vu
```

From:

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