

# OpenDNS to SafeDNS migration

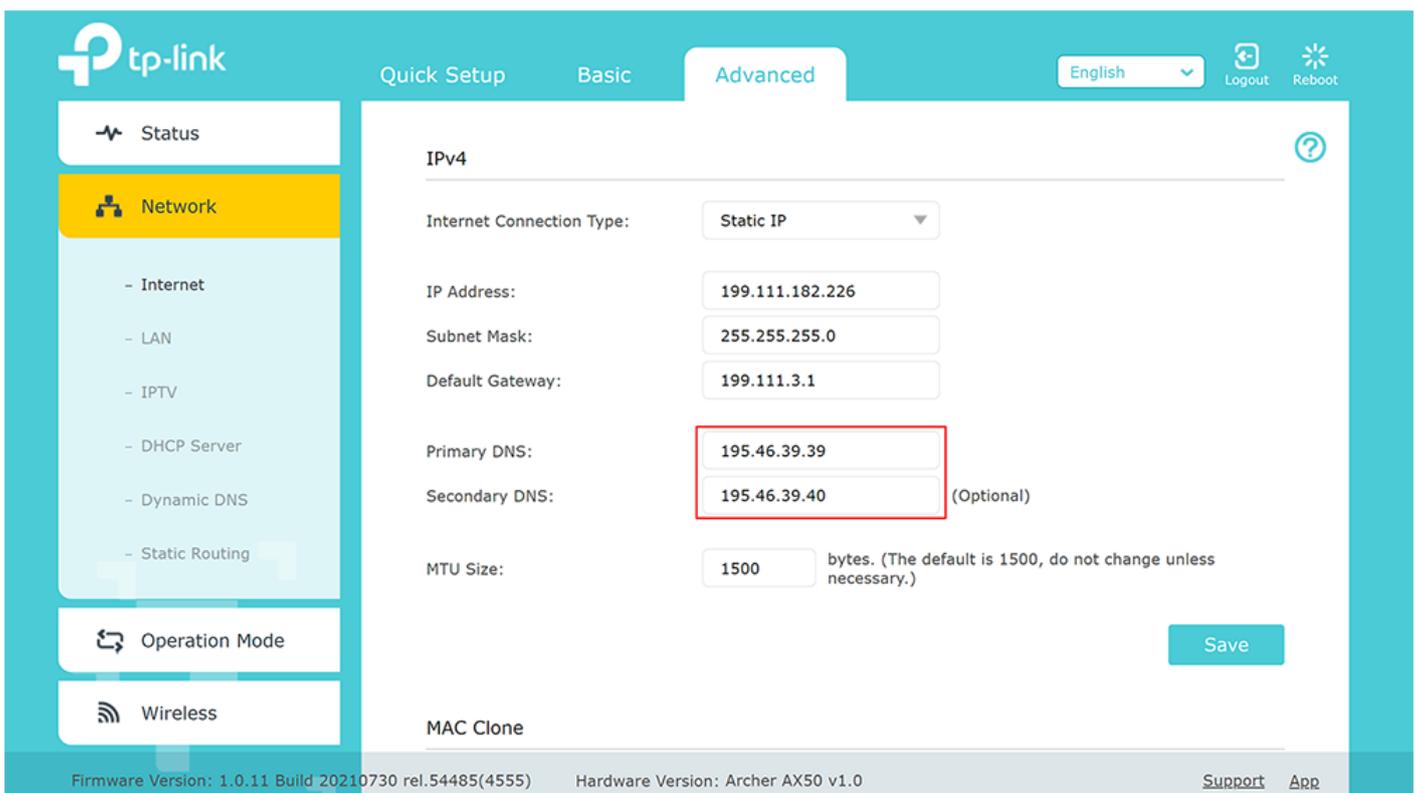
In this guide, we will tell you how to migrate from OpenDNS to SafeDNS while keeping all settings and preferences.

The guide includes an example of router setup, filtering policy settings migration, and categories migration.

## 1. Set up the router

Change the DNS servers in your router to **195.46.39.39** and **195.46.39.40**.

Please note, that your router's interface might be different from the one in the picture.



## 2. Add public IP address

Add the public IP address of your network to the [SafeDNS Dashboard > Settings > Devices](#). For your convenience, it is always shown at the top of the page, under "Your IP address". This setting is similar to the OpenDNS's Network Settings section.

## OpenDNS

The screenshot shows the OpenDNS dashboard with the 'SETTINGS' tab selected. At the top, there are navigation buttons for HOME, STATS, SETTINGS, MY ACCOUNT, and SUPPORT. Below the navigation, there is a 'Settings for:' dropdown menu with the text '-- Select a network --'. The main content area is divided into two sections: 'Dynamic IP addresses' and 'Add a network'. The 'Dynamic IP addresses' section explains that OpenDNS supports networks ranging from single IP addresses to /16, and provides a link to 'Learn more about dynamic IPs.'. The 'Add a network' section contains a form with an 'IP:' field set to '100.150.200.250', a 'Settings:' dropdown menu set to 'OpenDNS default settings', and an 'ADD THIS NETWORK' button.

## SafeDNS

Just copy your public IP address, paste it into the IP address field, and click "Add".

The screenshot shows the SafeDNS dashboard with the 'Devices' tab selected. The left sidebar contains a navigation menu with options like Main, User administration, Settings, Devices, Policy, Schedule, and Advanced. The main content area shows the 'Devices' configuration page. At the top, there are tabs for 'Devices', 'Policy', 'Schedule', and 'Advanced'. Below the tabs, there is a 'Video instruction for setting up' link. The main content area is divided into four sections: 'Your IP address' (100.150.200.250), 'IPv4 DNS-servers addresses' (195.46.39.39, 195.46.39.40), 'IPv6 DNS-servers addresses' (2001:67c:2778::3939, 2001:67c:2778::3940), and 'DoH address' (https://doh.safedns.com). Below these sections, there is a table for 'IP addresses/DynDNS' with 0/13 entries. The table has columns for 'Add IP address or DynDNS', 'Default', 'Comment', 'Add', and 'Edit as List'. A red arrow points from the 'Your IP address' field to the 'Add IP address or DynDNS' input field, and another red arrow points from the 'Add' button to the 'Add IP address or DynDNS' input field.

SafeDNS also supports Dynamic IP addresses, DynDNS hostnames, and IPv6.

More information about router setup can be found here:

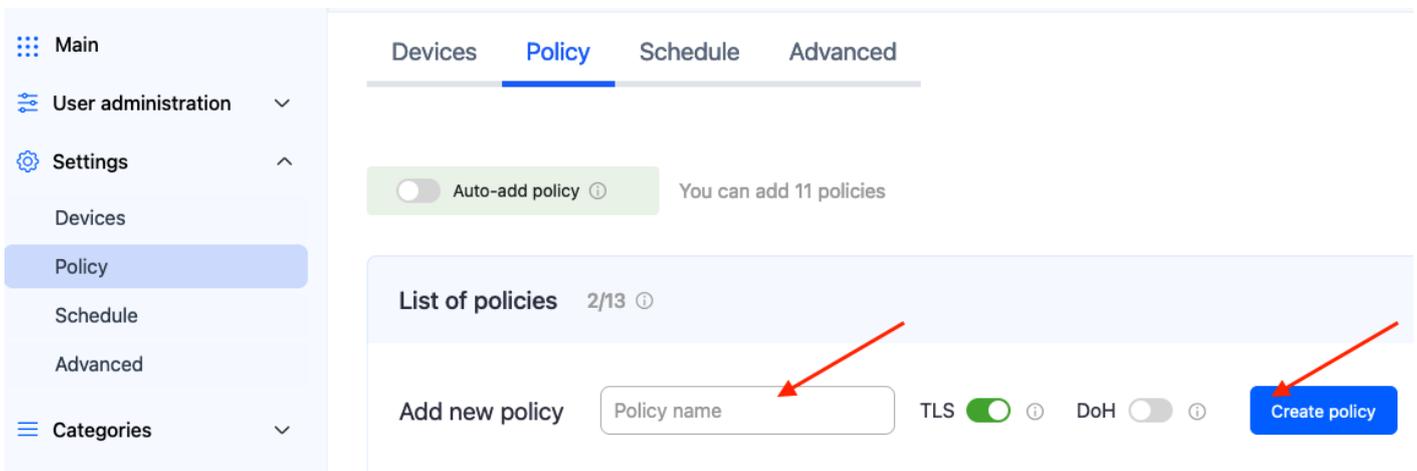
<https://docs.safedns.com/books/installation-guides/page/router-setup>

IPv6 router setup: <https://docs.safedns.com/books/installation-guides/page/router-setup-ipv6>

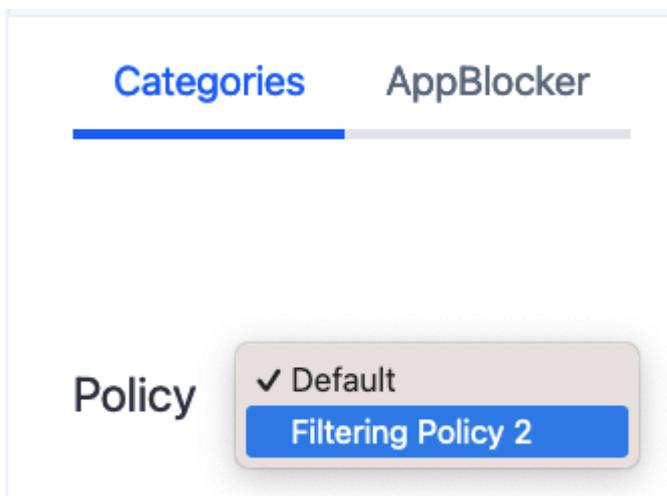
## 3. Create a custom filtering policy

If you need more than one filtering policy, you can always create a new one in the [SafeDNS](#)

[Dashboard > Settings > Policy](#) tab.



Each filtering policy has its settings for the [Advanced Settings](#), filtering [Categories](#), [AppBlocker](#), and [Allow/Denylists](#).

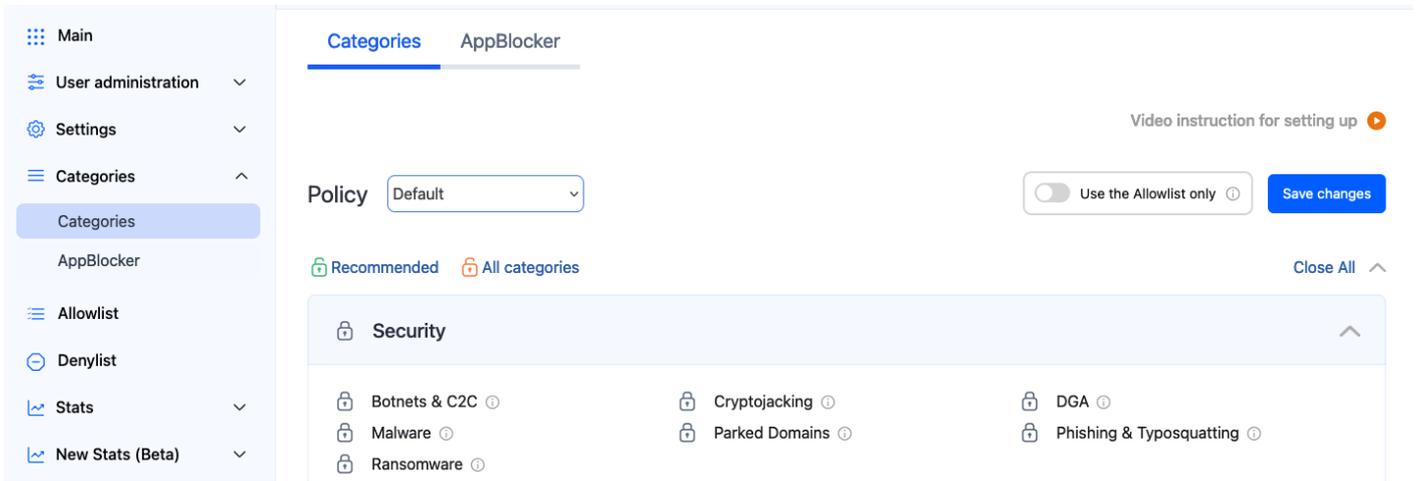


## 4. Apply filtering categories

OpenDNS security settings are built into the SafeDNS filtering Categories.

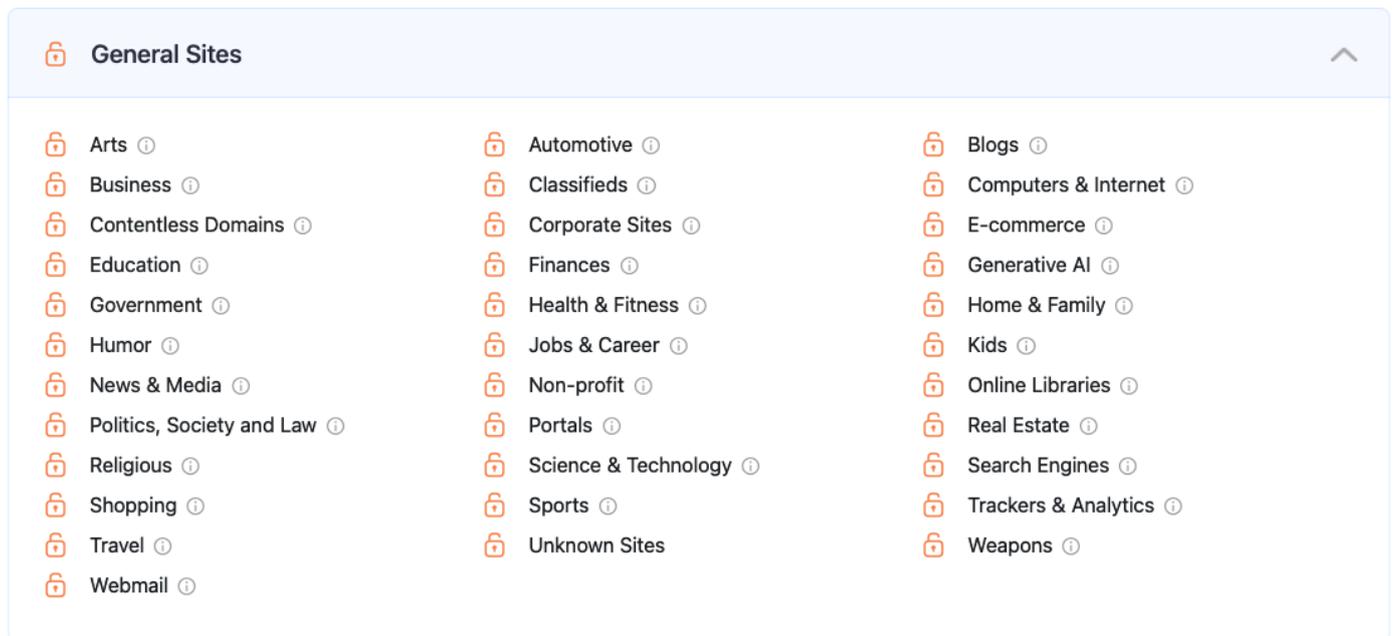
For example, Malware/Botnet protection, and Phishing Attacks options of OpenDNS are identical to SafeDNS Botnets, Phishing & Typosquatting, and Malware categories.

These categories are already blocked by default in the [SafeDNS Dashboard > Categories](#) tab.



The "Allowlist only" feature blocks access to any domain not listed on the Allowlist (see below).

SafeDNS also has the "Unknown Sites" category for the new non-categorized domains.



Transfer settings from the Web Content Filtering tab of OpenDNS to more than 65+ SafeDNS Categories.

## OpenDNS

● **Custom**

Choose the categories you want to block.

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> <a href="#">Academic Fraud</a>           | <input type="checkbox"/> <a href="#">Adult Themes</a>          | <input type="checkbox"/> <a href="#">Advertisements</a>         |
| <input type="checkbox"/> <a href="#">Adware</a>                   | <input type="checkbox"/> <a href="#">Alcohol</a>               | <input type="checkbox"/> <a href="#">Anime/Manga/Webcomic</a>   |
| <input type="checkbox"/> <a href="#">Auctions</a>                 | <input type="checkbox"/> <a href="#">Automotive</a>            | <input type="checkbox"/> <a href="#">Blogs</a>                  |
| <input type="checkbox"/> <a href="#">Business Services</a>        | <input type="checkbox"/> <a href="#">Chat</a>                  | <input type="checkbox"/> <a href="#">Classifieds</a>            |
| <input type="checkbox"/> <a href="#">Dating</a>                   | <input type="checkbox"/> <a href="#">Drugs</a>                 | <input type="checkbox"/> <a href="#">Ecommerce/Shopping</a>     |
| <input type="checkbox"/> <a href="#">Educational Institutions</a> | <input type="checkbox"/> <a href="#">File Storage</a>          | <input type="checkbox"/> <a href="#">Financial Institutions</a> |
| <input type="checkbox"/> <a href="#">Forums/Message boards</a>    | <input type="checkbox"/> <a href="#">Gambling</a>              | <input type="checkbox"/> <a href="#">Games</a>                  |
| <input type="checkbox"/> <a href="#">German Youth Protection</a>  | <input type="checkbox"/> <a href="#">Government</a>            | <input type="checkbox"/> <a href="#">Hate/Discrimination</a>    |
| <input type="checkbox"/> <a href="#">Health and Fitness</a>       | <input type="checkbox"/> <a href="#">Humor</a>                 | <input type="checkbox"/> <a href="#">Instant Messaging</a>      |
| <input type="checkbox"/> <a href="#">Jobs/Employment</a>          | <input type="checkbox"/> <a href="#">Lingerie/Bikini</a>       | <input type="checkbox"/> <a href="#">Movies</a>                 |
| <input type="checkbox"/> <a href="#">Music</a>                    | <input type="checkbox"/> <a href="#">News/Media</a>            | <input type="checkbox"/> <a href="#">Non-Profits</a>            |
| <input type="checkbox"/> <a href="#">Nudity</a>                   | <input type="checkbox"/> <a href="#">P2P/File sharing</a>      | <input type="checkbox"/> <a href="#">Parked Domains</a>         |
| <input type="checkbox"/> <a href="#">Photo Sharing</a>            | <input type="checkbox"/> <a href="#">Podcasts</a>              | <input type="checkbox"/> <a href="#">Politics</a>               |
| <input type="checkbox"/> <a href="#">Pornography</a>              | <input type="checkbox"/> <a href="#">Portals</a>               | <input type="checkbox"/> <a href="#">Proxy/Anonymizer</a>       |
| <input type="checkbox"/> <a href="#">Radio</a>                    | <input type="checkbox"/> <a href="#">Religious</a>             | <input type="checkbox"/> <a href="#">Research/Reference</a>     |
| <input type="checkbox"/> <a href="#">Search Engines</a>           | <input type="checkbox"/> <a href="#">Sexuality</a>             | <input type="checkbox"/> <a href="#">Social Networking</a>      |
| <input type="checkbox"/> <a href="#">Software/Technology</a>      | <input type="checkbox"/> <a href="#">Sports</a>                | <input type="checkbox"/> <a href="#">Tasteless</a>              |
| <input type="checkbox"/> <a href="#">Television</a>               | <input type="checkbox"/> <a href="#">Tobacco</a>               | <input type="checkbox"/> <a href="#">Travel</a>                 |
| <input type="checkbox"/> <a href="#">Video Sharing</a>            | <input type="checkbox"/> <a href="#">Visual Search Engines</a> | <input type="checkbox"/> <a href="#">Weapons</a>                |
| <input type="checkbox"/> <a href="#">Web Spam</a>                 | <input type="checkbox"/> <a href="#">Webmail</a>               |   |

## SafeDNS

## Security



Botnets & C2C ⓘ

Cryptojacking ⓘ

DGA ⓘ

Malware ⓘ

Parked Domains ⓘ

Phishing & Typosquatting ⓘ

Ransomware ⓘ

## Illegal Activity



Academic Fraud ⓘ

Child Sexual Abuse (Arachnid) ⓘ

Child Sexual Abuse (IWF) ⓘ

Drugs ⓘ

German Youth Protection ⓘ

Hate & Discrimination ⓘ

Tasteless ⓘ

VPN, Proxies & Anonymizers ⓘ

## Adult Related



Adult Sites ⓘ

Alcohol & Tobacco ⓘ

Astrology ⓘ

Dating ⓘ

Gambling ⓘ

Pornography & Sexuality ⓘ

## Bandwidth Hogs



File Storage ⓘ

Movies & Video ⓘ

Music & Radio ⓘ

Photo Sharing ⓘ

Torrents & P2P ⓘ

## Time Wasters



Chats & Messengers ⓘ

Entertainment ⓘ

Forums ⓘ

Games ⓘ

Online Ads ⓘ

Social Networks ⓘ

## General Sites



Arts ⓘ

Automotive ⓘ

Blogs ⓘ

Business ⓘ

Classifieds ⓘ

Computers & Internet ⓘ

Contentless Domains ⓘ

Corporate Sites ⓘ

E-commerce ⓘ

Education ⓘ

Finances ⓘ

Generative AI ⓘ

Government ⓘ

Health & Fitness ⓘ

Home & Family ⓘ

Here is a transfer list of content filtering categories of OpenDNS vs SafeDNS.

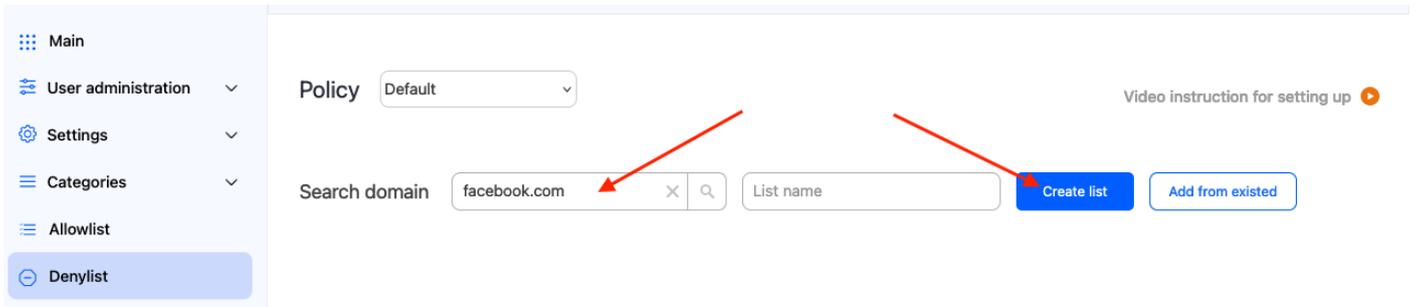
<b>OpenDNS category</b>	<b>SafeDNS primary category</b>	<b>SafeDNS additional category</b>
Academic Fraud	Academic Fraud	
Adult Themes	Adult Sites	
Adware	Online Ads	
Alcohol	Alcohol & Tobacco	
Anime/Manga/Webcomic	Adult Sites	
Auctions	Trackers & Analytics	
Automotive	Automotive	
Blogs	Blogs	
Business Services	Business	Corporate Sites
Chat	Chats & Messengers	
Classifieds	Classifieds	
Dating	Dating	
Drugs	Drugs	
E-commerce/Shopping	E-commerce	Shopping
Educational Institutions	Education	
File Storage	File Storage	
Financial Institutions	Finances	
Forums/Message boards	Forums	
Gambling	Gambling	
Games	Games	
German Youth Protection	German Youth Protection	Child Sexual Abuse (IWF)
Government	Government	
Hate/Discrimination	Hate & Discrimination	
Health and Fitness	Health & Fitness	
Humor	Humor	
Instant Messaging	Chats and messengers	
Jobs/Employment	Jobs & Career	
Lingerie/Bikini	Adult Sites	
Movies	Movies & Video	
Music	Music & Radio	

News/Media	News & Media	
Non-Profits	Non-profit	
Nudity	Adult Sites	
P2P/File sharing	Torrents & P2P	
Parked Domains	Parked Domains	
Photo Sharing	Photo Sharing	
Podcasts	Music & Radio	
Politics	Politics	
Pornography	Pornography & Sexuality	
Portals	Portals	
Proxy/Anonymizer	Proxies & Anonymizers	
Radio	Music & Radio	
Religious	Religious	
Research/Reference	Science & Technology	
Search Engines	Search Engines	
Sexuality	Pornography and sexuality	
Social Networking	Social Networks	
Software/Technology	Computers & Internet	Science & Technology
Sports	Sports	
Tasteless	Tasteless	
Television	Movies & Video	
Tobacco	Alcohol & Tobacco	
Travel	Travel	
Video Sharing	Movies & Video	File Storage
Visual Search Engines	Search Engines	
Weapons	Weapons	
Web Spam	Botnets	Phishing & Typosquatting
Webmail	Webmail	

## 5. Set up Allow/Denylists

You can always allow or block custom domains using Allow/Denylist.

Simply enter a domain you want to allow or deny to the list and click "Add". You can also add domains in bulk using the "Edit as list" button.



More information about Allow/Denylists and Named lists can be found [here](#).

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## 6. Explore additional features

### Advanced settings

Here you can enable Safe Search for Google and Bing, force the Restricted mode for Youtube, create a custom Blockpage, set up the filtering in the Active Directory environment, and redirect domains to different IP addresses with the Aliases.

- ☰ Main
- ☰ User administration ▾
- ⚙ Settings ▴
  - Devices
  - Policy
  - Schedule
  - Advanced
- ☰ Categories ▾
- ☰ Allowlist
- ⊖ Denylist
- 📈 Stats ▾
- 📈 New Stats (Beta) ▾
- 📖 Help ▾
- 👤 Account ▾

Policy Default ▾

[Video instruction for setting up](#) ▶

### Settings ▴

- Force safe search ⓘ
- Force restricted mode for Youtube ⓘ

### Active directory 🗨

1. Add domain Enter a hostname Add
2. Specify the name of the domain controller (the short name without name of domain) and it IP address for that domain. PDC can be identified according to the command: netdom query fsmo.
3. In the Domains menu select same Policy and enter names and IP addresses of local resources of AD, which should be available to users.

### Blockpage ⓘ 1/2 ▴

Add new

**Standard blockpages**

Standard blockpage ⓘ

A hidden blockpage with the emulation of a web page error ⓘ

An empty DNS answer as if the blocked website does not exist ⓘ

**Personal blockpages**

Default BlockPage ✎

### Aliases ⓘ 2/100 ▴

Add domain Enter a hostname IP address Add

Domain	IP address	
file-share	192.168.0.10	🗑
storage	192.168.0.11	🗑

## Schedule

Unlike other content filtering systems that use simple schedules with complete blocking of internet access based on time, SafeDNS uses a complex system of schedules that can be flexibly configured for any needs and any scenario.

The screenshot shows the 'Schedule' configuration page for 'Settings Filtering Policy 2'. The interface includes a left-hand navigation menu with options like Main, User administration, Settings, Devices, Policy, Schedule (selected), and Advanced. The main content area has tabs for Devices, Policy, Schedule, and Advanced. Below the tabs, there's a breadcrumb 'Schedule · Settings Filtering Policy 2' and a 'Settings' button. The main configuration area features a legend with two radio buttons: 'Default policy is active' (unselected) and '"Filtering Policy 2" policy is active' (selected). To the right, there's a toggle switch for 'Schedule is enabled' which is currently turned off. The central part of the interface is a grid representing a weekly schedule. The columns represent hours from 12 am to 11 pm. The rows represent the days of the week: Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, and Saturday. Blue blocks in the grid indicate when the selected policy is active. In this configuration, the policy is active from 6 am to 11 pm on Monday through Friday. The grid is otherwise empty, indicating the default policy is active during those times. At the bottom right of the grid, there are 'Cancel' and 'Save' buttons.

## AppBlocker

Here you can block individual applications or ecosystems. It is similar to Categories - just select the app you need to block and press "Save changes".

Categories **AppBlocker**

Video instruction for setting up

Policy  **Save changes**

All categories **Close All**

**CyberSecurity**

- Shodan
- Dr.Web
- Norton
- Avira
- 1Password
- Zscaler
- AVG
- Bitdefender
- Malwarebytes
- Tor
- Kaspersky
- ESET
- McAfee

**Ecosystem Applications**

- WeChat
- Google
- Apple
- Microsoft
- Cisco
- Samsung

**Entertainment**

- YouTube
- Netflix
- Paramount +
- Dailymotion
- Amazon Prime Video
- Sony TV
- Hulu
- Disney+
- HBO
- Vimeo

**File Sharing**

- 4shared
- BitTorrent Client
- Box

## 7. Download the SafeDNS Agent app

Our service can also be set up on the individual devices.

SafeDNS Agent is available for Windows, Linux, and Android systems. iOS and macOS agents are coming soon.

More information about the Agent can be found here:

Windows - <https://docs.safedns.com/books/installation-guides/page/safedns-agent-for-windows-setup>

Linux - <https://docs.safedns.com/books/installation-guides/page/safedns-agent-for-linux-setup>

Android - <https://docs.safedns.com/books/installation-guides/page/safedns-app-for-android-setup>

Unsupported mobile devices (yet) - <https://docs.safedns.com/books/installation-guides/page/mobile-devices-filtering-setup>

# Support

If you have any questions about the migration to SafeDNS, please contact our support team via online chat or by email at [support@safedns.com](mailto:support@safedns.com)

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