

OpenDNS to SafeDNS migration

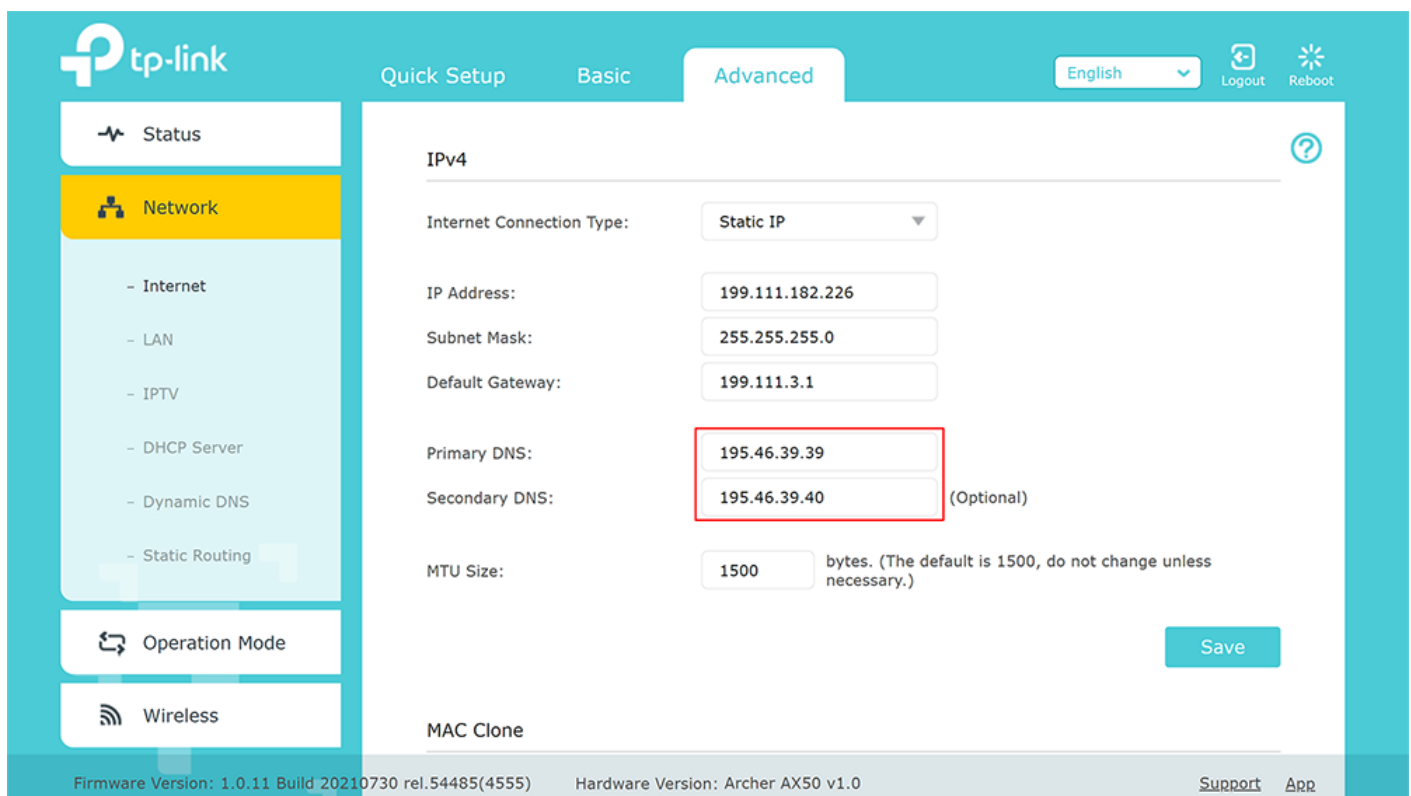
In this guide, we will tell you how to migrate from OpenDNS to SafeDNS while keeping all settings and preferences.

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: HOME, STATS, SETTINGS, MY ACCOUNT, and SUPPORT. Below the navigation bar, there's a 'Settings for:' dropdown menu with the text '-- Select a network --'. The main content area is divided into two sections. On the left, 'Dynamic IP addresses' explains that OpenDNS supports networks ranging from single IP addresses to /16, and provides a link to 'Learn more about dynamic IPs.' On the right, 'Add a network' is a form with fields for 'IP:' (100, 150, 200, 250) and 'Settings:' (OpenDNS default settings). Below the form is a button labeled 'ADD THIS NETWORK'.

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: Main, User administration, Settings, Devices, Policy, Schedule, Advanced, Categories, Allowlist, Denylist, Stats, and New Stats (Beta). The main content area shows the 'Devices' tab with a 'Video instruction for setting up' link. Below this, there's a table with four columns: '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 the table, there's a section for 'IP addresses/DynDNS' with a list of 0/13 items. At the bottom, there's a form to 'Add IP address or DynDNS' with fields for 'IP address or DynDNS' (100.150.200.250), 'Default' (a dropdown menu), 'Comment', and 'Add' and 'Edit as List' buttons. Red arrows point from the 'Your IP address' field in the table to the 'IP address or DynDNS' field in the form, and from the 'Add' button in the form to the 'Add' button in the table.

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

More information about router setup can be found here:

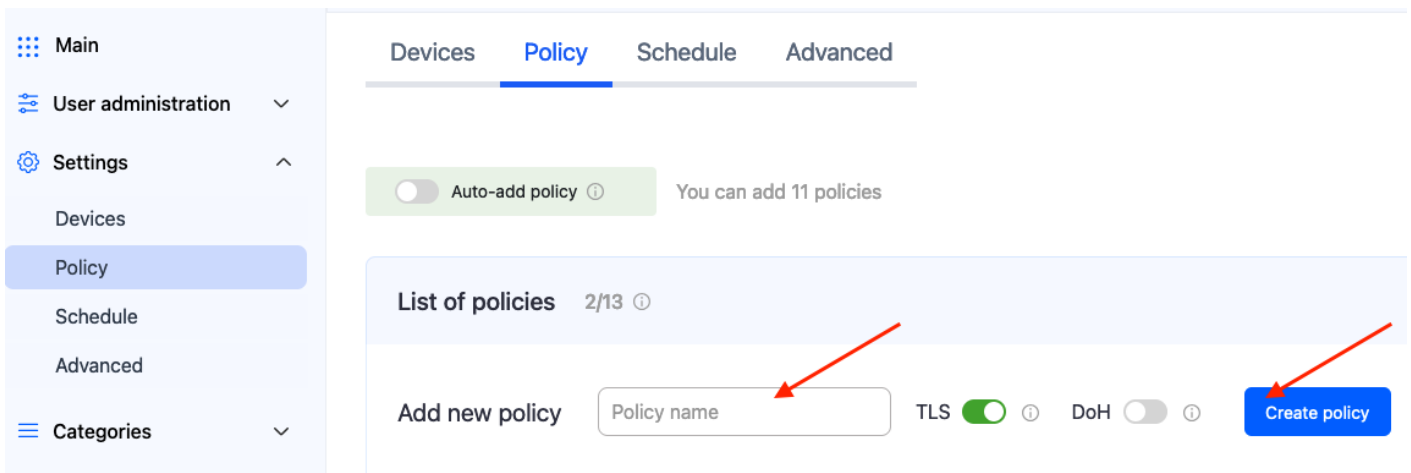
<https://docs.safedns.com/books/installation-guides/page/router-setup>

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

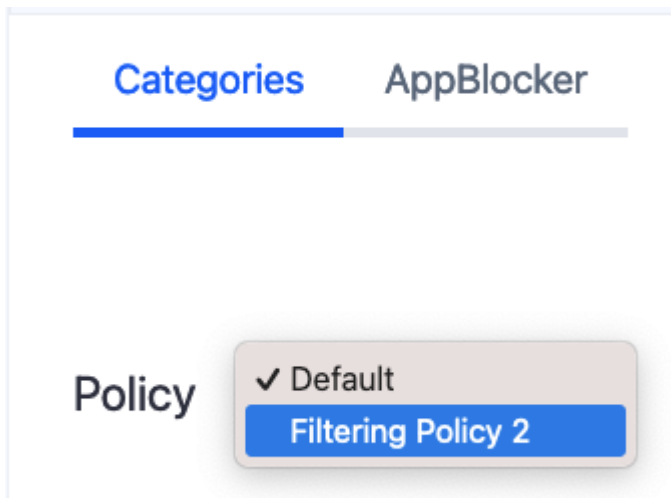
3. Create a custom filtering policy

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](#).

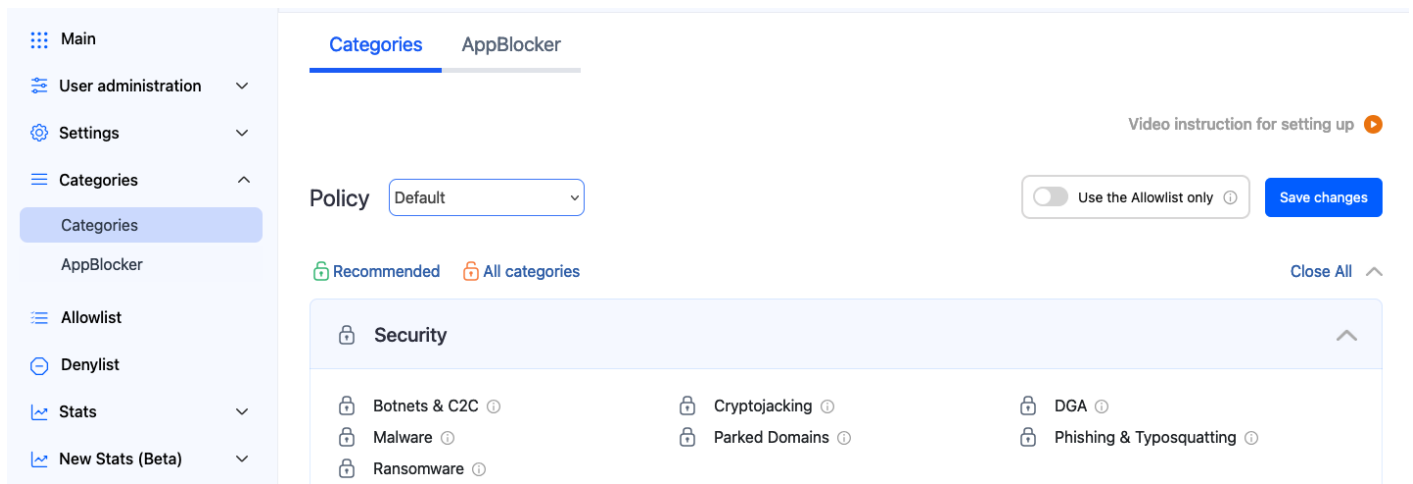


4. Apply filtering categories

OpenDNS security settings are built into the SafeDNS filtering Categories.

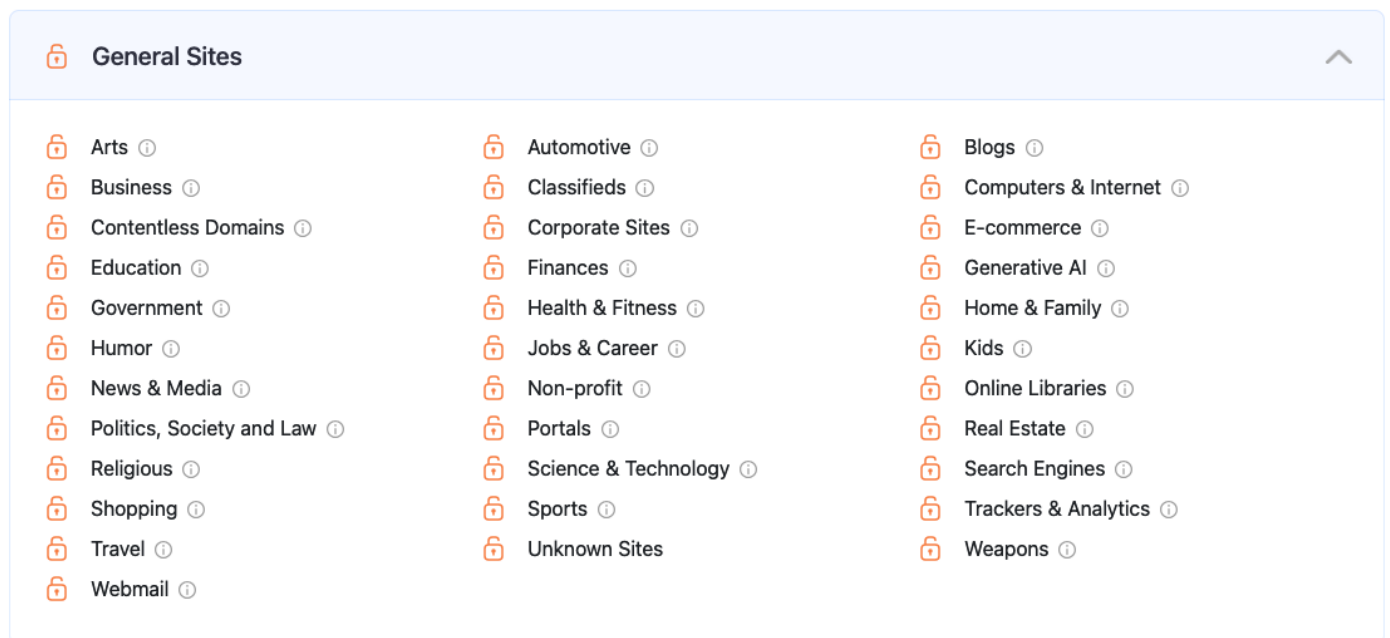
For example, Malware/Botnet protection, and Phishing Attacks options of OpenDNS are identical to SafeDNS Botnets, Phishing & Typosquatting, and Malware categories.

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

SafeDNS

Security



 Botnets & C2C 

 Malware 

 Ransomware 

 Cryptojacking 


 Parked Domains 



 DGA 

 Phishing & Typosquatting 



Illegal Activity





 Academic Fraud 

 Drugs 



 Tasteless 

 Child Sexual Abuse
(Arachnid) 

 German Youth Protection 

 VPN, Proxies &
Anonymizers 

 Child Sexual Abuse (IWF) 

 Hate & Discrimination 



Adult Related



 Adult Sites 

 Dating 

 Alcohol & Tobacco 

 Gambling 

 Astrology 

 Pornography & Sexuality 

Bandwidth Hogs





 File Storage 

 Photo Sharing 

 Movies & Video 

 Torrents & P2P 

 Music & Radio 

Time Wasters




 Chats & Messengers 

 Games 

 Entertainment 

 Online Ads 

 Forums 

 Social Networks 

General Sites



 Arts 

 Business 

 Contentless Domains 

 Education 

 Government 

 Automotive 

 Classifieds 

 Corporate Sites 

 Finances 

 Health & Fitness 

 Blogs 

 Computers & Internet 

 E-commerce 

 Generative AI 

 Home & Family 

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

OpenDNS category	SafeDNS primary category	SafeDNS additional category
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.

Main

User administration

Settings

Categories

Allowlist

Denylist

Policy: Default

Search domain: facebook.com

List name

Create list

Add from existed

Video instruction for setting up

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

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

Devices

Policy

Schedule

Advanced

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

Standard blockpages

Add new

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	

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.

Main

User administration

Settings

Devices

Policy

Schedule

Advanced

Categories

Allowlist

Denylist

Stats

New Stats (Beta)

Help

Account

Devices

Policy

Schedule

Advanced

Schedule · Settings Filtering Policy 2

<

Settings

Default policy is active

"Filtering Policy 2" policy is active

Schedule is enabled

12 am1 am2 am3 am4 am5 am6 am7 am8 am9 am10 am11 am12 pm01 pm02 pm03 pm04 pm05 pm06 pm07 pm08 pm09 pm10 pm11 pm

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Cancel

Save

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".

Main
User administration
Settings
Categories
AppBlocker
Allowlist
Denylist
Stats
New Stats (Beta)
Help
Account

Categories
AppBlocker

Video instruction for setting up
Save changes

Policy
Default

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

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