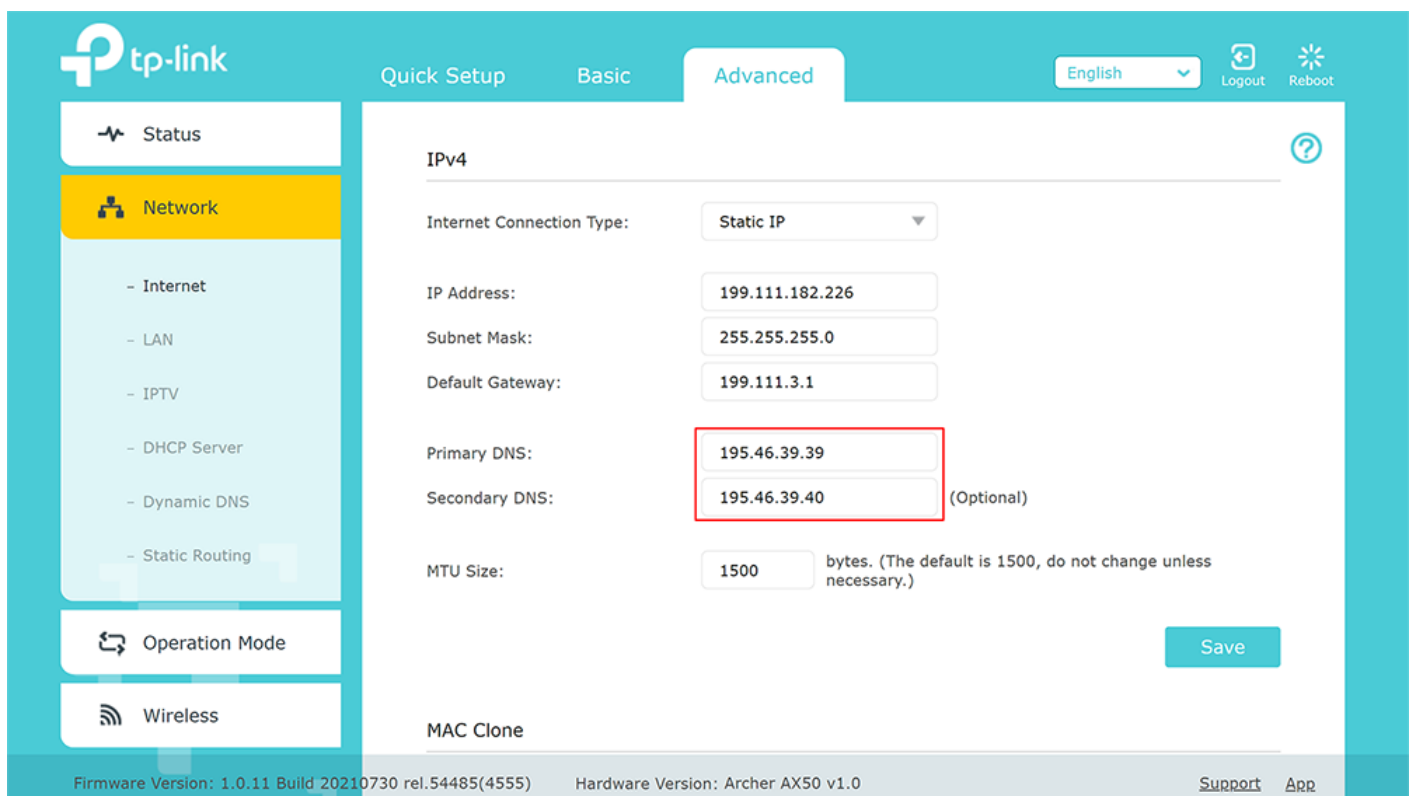# Cisco Umbrella to SafeDNS migration

In this guide, we will tell you how to migrate from Cisco Umbrella 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 Cisco Umbrella's Networks section.

Cisco Umbrella

SafeDNS

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

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.
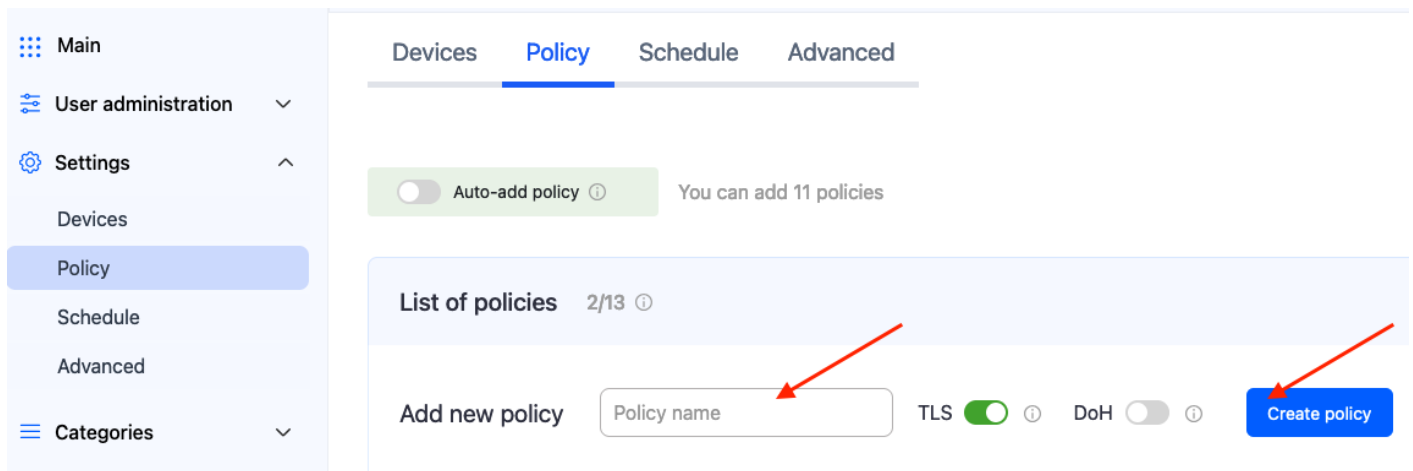
Each filtering policy has its settings for the Advanced Settings, filtering Categories, AppBlocker, and Allow/Denylists.
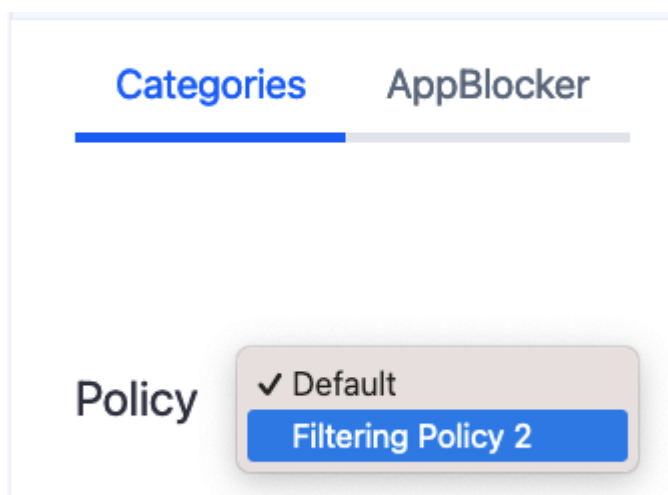
4. Apply filtering categories

Cisco Umbrella security settings are built into the SafeDNS filtering Categories.

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

These categories are already blocked by default in the SafeDNS Dashboard > Categories tab.
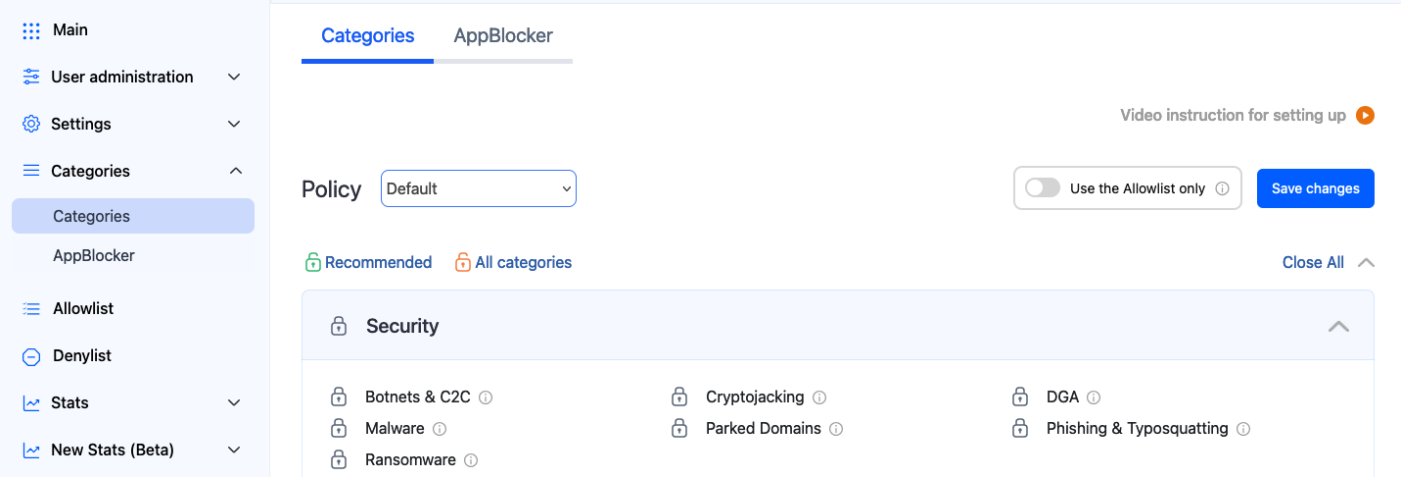
The "Allowlist only" feature blocks access to any domain not listed on the Allowlist (see below).

SafeDNS also has the "Unknown Sites" category for the new non-categorized domains.
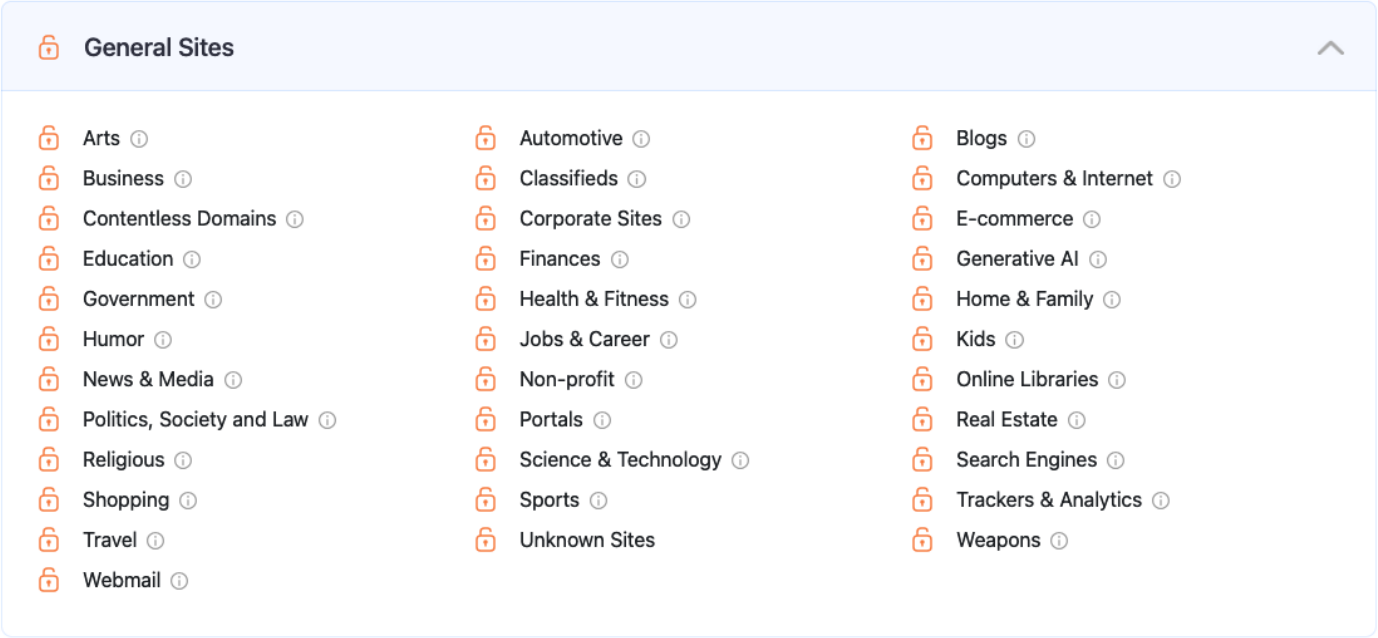
Transfer settings from the DNS Policies page of Cisco Umbrella to SafeDNS Categories.

Cisco Umbrella

Custom Setting

Default Settings ▼

CATEGORIES   SELECT ALL

- ☐ Adult
- ☐ Alcohol
- ☐ Arts
- ☐ Auctions
- ☐ Cannabis
- ☐ Cheating and Plagiarism
- ☐ Computer Security
- ☐ Conventions, Conferences and Trade Shows
- ☐ Digital Postcards
- ☐ DIY Projects
- ☐ Dynamic and Residential
- ☐ Entertainment
- ☐ Fashion
- ☐ Filter Avoidance
- ☐ Freeware and Shareware
- ☐ Games
- ☐ Hacking
- ☐ Health and Medicine
- ☐ Hunting
- ☐ Illegal Downloads
- ☐ Infrastructure and Content Delivery Networks
- ☐ Job Search
- ☐ Lotteries
- ☐ Mobile Phones
- ☐ Nature and Conservation
- ☐ Non-governmental Organizations
- ☐ Online Communities
- ☐ Online Meetings
- ☐ Online Trading

- ☐ Advertisements
- ☐ Animals and Pets
- ☐ Astrology
- ☐ Business and Industry
- ☐ Chat and Instant Messaging
- ☐ Cloud and Data Centers
- ☐ Computers and Internet
- ☐ Cryptocurrency
- ☐ Dating
- ☐ Dining and Drinking
- ☐ DoH and DoT
- ☐ Education
- ☐ Extreme
- ☐ File Transfer Services
- ☐ Finance
- ☐ Gambling
- ☐ Government and Law
- ☐ Hate Speech
- ☐ Humor
- ☐ Illegal Activities
- ☐ Illegal Drugs
- ☐ Internet of Things
- ☐ Internet Telephony
- ☐ Lingerie and Swimsuits
- ☐ Military
- ☐ Museums
- ☐ News
- ☐ Non-sexual Nudity
- ☐ Not Actionable
- ☐ Online Document Sharing and Collaboration
- ☐ Online Storage and Backup
- ☐ Organizational Email

- ☐ Peer File Transfer
- ☐ Personal VPN
- ☐ Politics
- ☐ Private IP Addresses as Host
- ☐ Recipes and Food
- ☐ Regional Restricted Sites (Germany)
- ☐ Regional Restricted Sites (Italy)
- ☐ Religion
- ☐ Safe for Kids
- ☐ Search Engines and Portals
- ☐ Social Networking
- ☐ Society and Culture
- ☐ Sports and Recreation
- ☐ Streaming Video
- ☐ Tobacco
- ☐ Travel
- ☐ Weapons
- ☐ Web Hosting
- ☐ Web-based Email

- ☐ Personal Sites
- ☐ Photo Search and Images
- ☐ Pornography
- ☐ Professional Networking
- ☐ Real Estate
- ☐ Reference
- ☐ Regional Restricted Sites (Great Britain)
- ☐ Regional Restricted Sites (Poland)
- ☐ SaaS and B2B
- ☐ Science and Technology
- ☐ Sex Education
- ☐ Shopping
- ☐ Social Science
- ☐ Software Updates
- ☐ Streaming Audio
- ☐ Terrorism and Violent Extremism
- ☐ Transportation
- ☐ URL Shorteners
- ☐ Web Cache and Archives
- ☐ Web Page Translation

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 ⓘ

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

Cisco Umbrella category	SafeDNS primary category	SafeDNS additional category
Adult	Adult Sites	
Advertisements	Online Ads	
Alcohol	Alcohol & Tobacco	
Animals and Pets	Blogs	
Arts	Arts	
Astrology	Astrology	
Auctions	Business	E-commerce
Business and Industry	Business	E-commerce
Cannabis	Drugs	
Chat and Instant Messaging	Chats & Messengers	
Cheating and Plagiarism	Academic Fraud	
Cloud and Data Centers	Computers & Internet	
Computer Security	Security section	
Computers and Internet	Computers & Internet	
Conventions, Conferences, and Trade Shows	Business	
Cryptocurrency	E-commerce	Cryptojacking
Dating	Dating	

Digital Postcards	Computers & Internet	Entertainment
Dining and Drinking	Alcohol & Tobacco	
DIY Projects	Blogs	E-commerce
DoH and DoT	Computers & Internet	
Dynamic and Residential	Computers & Internet	
Education	Education	
Entertainment	Entertainment	
Extreme	Adult Sites	Hate & Discrimination
Fashion	Shopping	
File Transfer Services	File Storage	
Filter Avoidance	VPN, Proxies, and Anonymizers	
Finance	Finance	
Freeware and Shareware	Computers & Internet	
Gambling	Gambling	
Games	Games	
Government and Law	Politics, Society, and Law	Government
Hacking	Phishing & Typosquatting	Malware and Ransomware
Hate Speech	Hate & Discrimination	
Health and Medicine	Health & Fitness	
Humor	Humor	

Hunting	Weapons	
Illegal Activities	Illegal Activity section	
Illegal Downloads	Torrents & P2P	
Illegal Drugs	Drugs	
Infrastructure and Content Delivery Networks	Computers & Internet	
Internet of Things	Computers & Internet	
Internet Telephony	Computers & Internet	AppBlocker's VoIP
Job Search	Jobs & Career	
Lingerie and Swimsuits	Adult Sites	Shopping
Lotteries	Gambling	
Military	Weapons	
Mobile Phones	Computers & Internet	Science & Technology
Museums	Arts	
Nature and Conservation	Blogs	
News	News & Media	
Non-governmental Organizations	Business	Non-profit
Non-sexual Nudity	Adult Sites	
Not Actionable	Contentless Domains	
Online Communities	Forums	Social Networks
Online Document Sharing and Collaboration	File Storage	

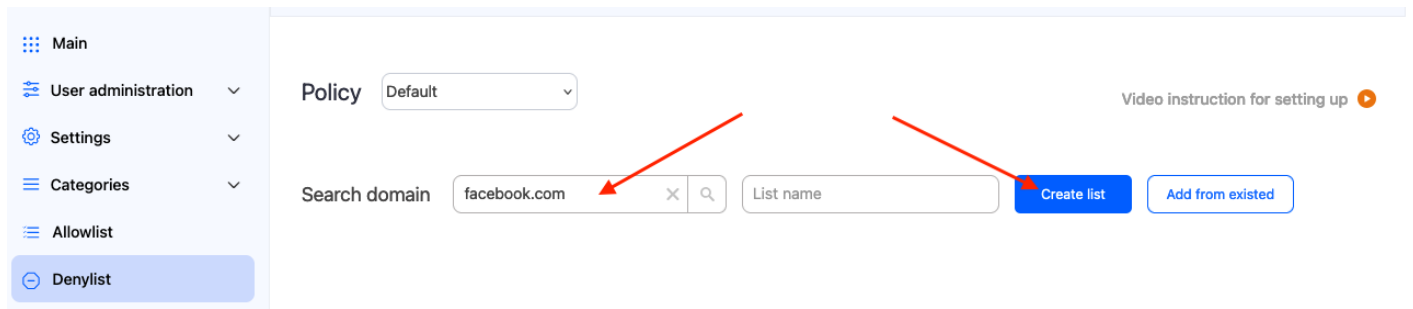|		
Online Meetings	Chats & Messengers	
Online Storage and Backup	File Storage	
Online Trading	Finance	E-commerce
Organizational Email	Webmail	
Paranormal	Astrology	
Parked Domains	Parked Domains	
Peer File Transfer	File Storage	
Personal Sites	Blogs	
Personal VPN	VPN, Proxies, and Anonymizers	
Photo Search and Images	Photo Sharing	
Politics	Politics, Society, and Law	
Pornography	Pornography & Sexuality	
Private IP Addresses as Host	Computers & Internet	
Professional Networking	Computers & Internet	
Real Estate	Real Estate	
Recipes and Food	Health & Fitness	
Reference	Computers & Internet	
Regional Restricted Sites (Germany)	German Youth Protection	
Religion	Religious	
SaaS and B2B	Corporate sites	Business
Safe for Kids	Kids, Home & Family	Education
Science and Technology	Science & Technology	
Search Engines and Portals	Search Engines, Portals	

Sex Education	Adult sites	Education
Shopping	Shopping	
Social Networking	Social Networks	
Social Science	Science & Technology	
Society and Culture	Politics, Society & Law	
Software Updates	Computers & Internet	
Sports and Recreation	Sports	
Streaming Audio	Music & Radio	
Streaming Video	Movies & Video	
Terrorism and Violent Extremism	Hate & Discrimination	
Tobacco	Alcohol & Tobacco	
Transportation	Automotive	
Travel	Travel	
URL Shorteners	Computers & Internet	
Weapons	Weapons	
Web Cache and Archives	Computers & Internet	
Web Hosting	Computers & Internet	
Web Page Translation	Computers & Internet	
Web-based Email	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**.

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	🗑

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.

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".

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