

SafeDNS Application deployment using MDM Integrators for iOS

General guide

1. Obtain a personal **AuthKey** from SafeDNS support in your Personal Account in the form of a String (Base64 encoding is handled on our side). Example format:
MGNjYnYyYWltMTQxNy00MjVlqTkzNjEtMDMzY2I2MTU4YzVi.
2. Install the SafeDNS application in the **MDM Integrator's** Personal Account by adding it through Apple Store App in the Apps catalog.
3. Wait for the application to be deployed on the devices.
4. Once the initial setup is complete and the device is registered in the SafeDNS Dashboard, create a Custom Configuration Profile in the Integrator's menu. This profile should include our DNSProxy.mobileconfig with the AppBundleIdentifier and the AuthKey: com.safedns.agent and ProviderBundleIdentifier: com.safedns.agent.dnsProxy. Then, this profile is deployed to the devices. After the profile is installed, a new DNS Proxy Server section will appear in the smartphone's settings with SafeDNS parameters, initiating the traffic interception, redirection, and filtering module.

The filtering process may take 3-5 minutes to start.

SimpleMDM example

1. Create an account on <https://simplemdm.com> and add your Apple id.
2. Obtain a personal **authKey** from SafeDNS support in your Personal Account in the form of a String (Base64 encoding is handled on our side). Example format:
MGNjYnYyYWltMTQxNy00MjVlqTkzNjEtMDMzY2I2MTU4YzVi.

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

● Filtering is enabled

The statistics will be visible in approx 10 minutes. You can grab a coffee while we prepare the statistic for you.

Account

Your IP address

Billing Plan

Enterprise

Next payment

Apr 14, 2025

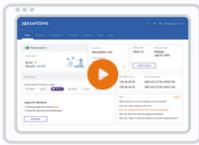
Getting started Tutorial ▶

Setup guide for:

Routers
Windows
Linux
MacOS
Android
iOS

Windows

- Download the Agent for Windows
Windows 10 & 11 / Windows 8.1 and earlier
- Follow the instructions and install Agent



Guide

IPv4 DNS-servers addresses: **195.46.39.39**
195.46.39.40

IPv6 DNS-servers addresses: **2001:67c:2778::3939**
2001:67c:2778::3940

DoH address ⓘ

📄

FAQ more...

What should I do if some websites are not blocked?

Are there any additional features besides DNS filtering?

How do I remove the block from my favorite website?

Why are sites from allowed categories blocked?

How can I report a harmful website or incorrect categorization?

How to check if the filter is active?

2. Install the **SafeDNS** application in the SimpleMDM Personal Account by adding it through **Apple Store App** in the Apps catalog.






- Devices
- Groups
- Enrollments
- Locations
- Apps & Media**
- Catalog
- Assignment
- VPP
- Munki

Catalog

Apps
Media

Add the apps to your catalog that you wish to distribute to your devices. These apps are made available under the "Assignment" section for distribution. Apps in associated VPP accounts will be automatically added.

All App Types
All Platforms
Filter by name
Clear

| | App Name | Version | Platform | App Type | |
|--------------------------|-----------|---------|----------|-------------|----------------------|
| <input type="checkbox"/> | SimpleMDM | - | iOS | Apple Store | 0 licenses available |

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show 20 40 100

Add App Actions

- Apple Store App
- Shared App
- Custom App
- NoPkg App

Add Apple Store App

Search terms

Store

iOS Apps **macOS and tvOS Apps**

| Title | Platform | Category | Description | Price | |
|-------------------------------|---------------|-----------|---|-------|------------------------------------|
| SafeDNS SafeDNS Inc | Universal iOS | Utilities | In today's hyperconnected world, you need more than just basic network protectio... | Free | <input type="button" value="Add"/> |

3. Now the application can be deployed on the devices.

If your devices are already enrolled the deployment will be done automatically.

If not you first need to enroll them in SimpleMDM: Go to Devices > Enrollments > Add Enrollment.

Enrollments

Enrollments provide a means of adding devices to your SimpleMDM account. Enrollment codes can be a link your users visit from their devices. They can also link your account to Automated Enrollment within Apple Business Manager.

| <input type="checkbox"/> | Name | Type | Features |
|--------------------------|---------|------------------|----------|
| <input type="checkbox"/> | Default | Group Enrollment | |

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After a successful installation, the application **does not need to be launched** on end devices.

4. After the application is installed on the devices, complete the full configuration of the app by adding the **profile** with the **authKey**.

Once the initial setup is complete and the device is registered in the SafeDNS Dashboard, create a Custom Configuration Profile in the Integrator's Personal Account. Upload the custom DNSProxy.mobileconfig profile (received from SafeDNS).

This profile includes DNS-Proxy details showed below where you need to change **one line** by adding the AuthKey:



```
<key>AuthKeyBase64</key>
```

```
<string>!!! Enter here your AuthKey</string>
```

"!!!! Enter here your **AuthKEY**" – needs to be replaced with the **AuthKey** received from SafeDNS support

| | |
|--------------------|--|
| * Name | TestSafeDNSProfile |
| Description | <p>Optional description presented to the end user.</p> <p><input checked="" type="checkbox"/> For macOS devices, deploy as a device profile instead of a user profile.</p> <p><input type="checkbox"/> Re-install profile automatically after macOS software updates are detected.</p> |
| Profile identifier | |
| * Mobileconfig | <p>Выбрать файл <input type="button" value="файл не выбран"/></p> <p>Upload a .mobileconfig file or use the editor below</p> <pre>17 <string>com.apple.ansProxy.managed</string> 18 <key>PayloadUUID</key> 19 <string>B2AC9479-5EAB-42DF-B46B-C99C4D75EEC4</string> 20 <key>PayloadVersion</key> 21 <integer>1</integer> 22 <key>ProviderBundleIdentifier</key> 23 <string>com.safedns.agent.enterprise.dnsProxy</string> 24 <key>ProviderConfiguration</key> 25 <dict> 26 <key>AuthKeyBase64</key> 27 <string>[REDACTED]</string> 28 </dict> 29 <string>{{device_name}}</string> 30 </dict> 31 </array> 32 </array> 33 <key>PayloadDisplayName</key> 34 <string>NewSafeDNSProxy</string> 35 <key>PayloadIdentifier</key> 36 <string>MacBook-Pro---Andy.A45B6340-A35E-4A7E-AF9F-660720474DCD</string> 37 <key>PayloadRemovalDisallowed</key> 38 <false/> 39 <key>PayloadType</key> 40 <string>Configuration</string> 41 <key>PayloadUUID</key></pre> <p><input checked="" type="checkbox"/> Enable attribute support Process variables in the uploaded profile. <input type="button" value="attribute support"/></p> <p><input checked="" type="checkbox"/> Escape attributes Escape any special characters in custom variables.</p> |

Please find below the link to the file: [SafeDNS-Proxy.mobileconfig](#)

Depending on the connection speed and profile propagation on the devices, a DNS-Proxy section with our settings will be added to the Device Management and VPN menu in the device settings. After this, the application and filtering module will synchronize, and filtering will begin based on the configuration settings in the SafeDNS.com Personal Account.

The filtering process may take 3-5 minutes to start.

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