

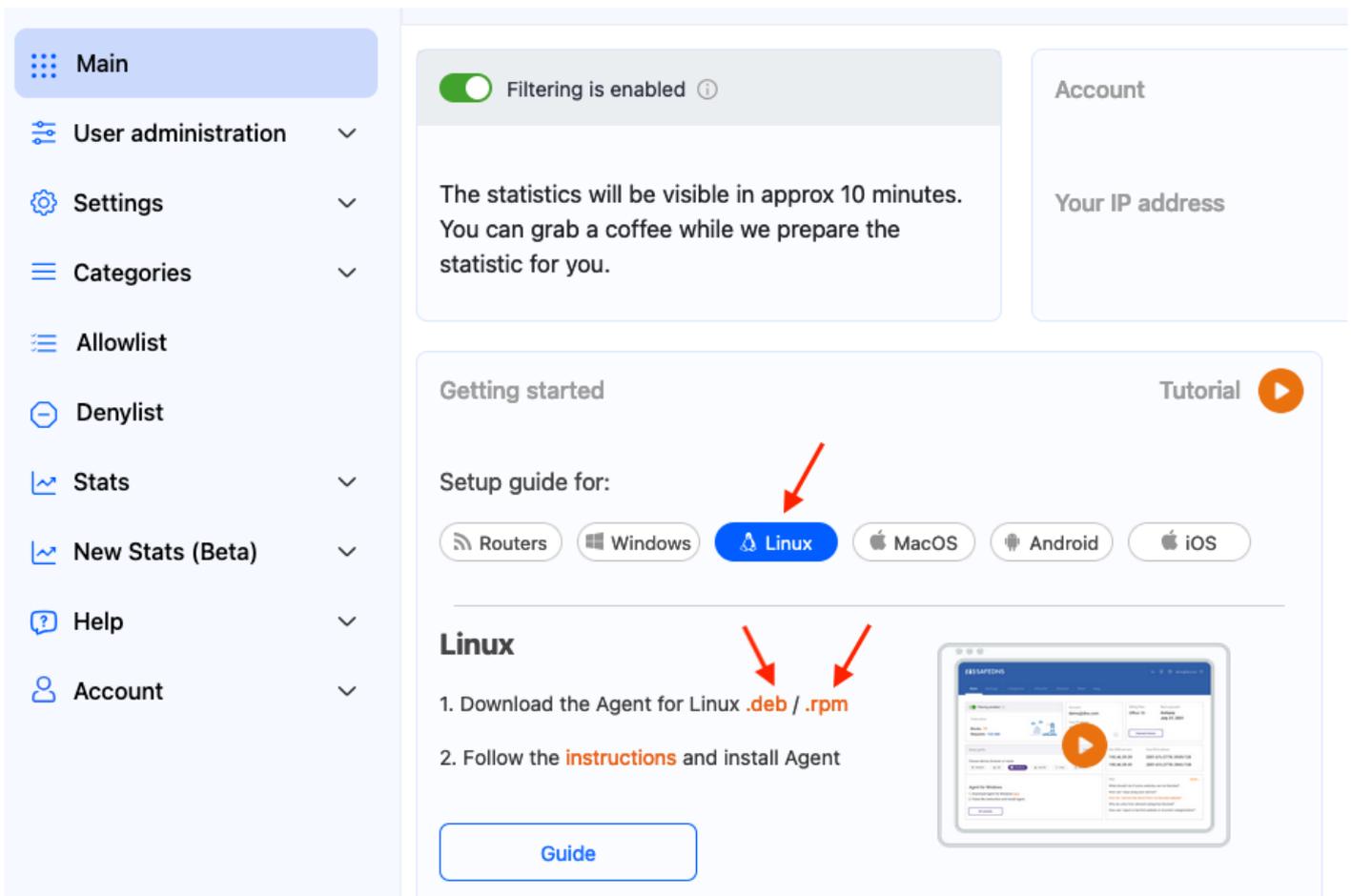
SafeDNS Agent for Linux Setup

Installation requirements: Debian 9, Ubuntu 18-22, PopOS, CentOS 7.

The Agent is available on the following billing plans: **Safe Family, Pro, Pro Plus**, and archived **Safe@Home, Safe@Office**.

Getting Started

1. Log in to your SafeDNS account with your registration email and password.
2. Navigate to the **Getting Started** tab on the main page of the **Dashboard** and select the Linux button. Choose and download the needed package: **.rpm** or **.deb**.



The screenshot shows the SafeDNS dashboard interface. On the left is a navigation menu with items: Main, User administration, Settings, Categories, Allowlist, Denylist, Stats, New Stats (Beta), Help, and Account. The main content area has a 'Filtering is enabled' toggle and a message: 'The statistics will be visible in approx 10 minutes. You can grab a coffee while we prepare the statistic for you.' Below this is the 'Getting started' section, which includes a 'Tutorial' button and a 'Setup guide for:' section with buttons for Routers, Windows, Linux, MacOS, Android, and iOS. The 'Linux' button is highlighted with a red arrow. Below the buttons, the 'Linux' section contains two steps: '1. Download the Agent for Linux .deb / .rpm' and '2. Follow the instructions and install Agent'. A 'Guide' button is at the bottom. A video player thumbnail is on the right.

.rpm package

Use the following command for the installation from the Terminal app:

```
sudo rpm -Uvh /home/user/Downloads/safedns-agent-1.3.1-x86_64.rpm
```

Please note, that the path to the file and/or package name might be different.

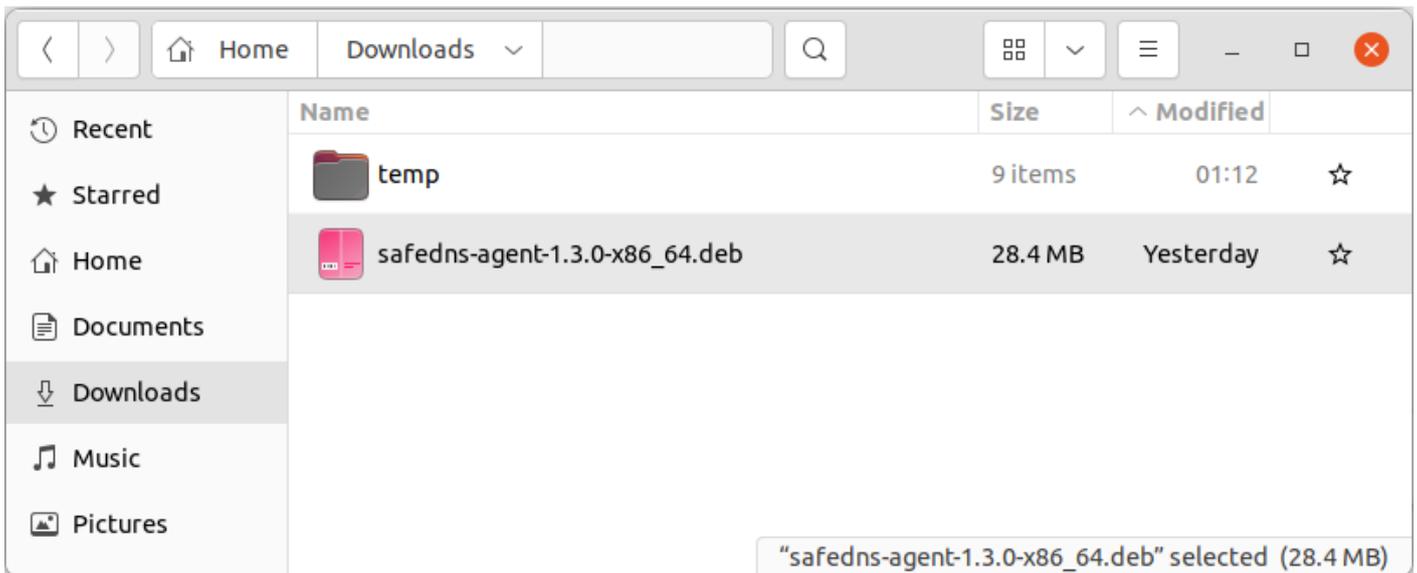
.deb package

For experienced users. You can use this command to install from the Terminal app:

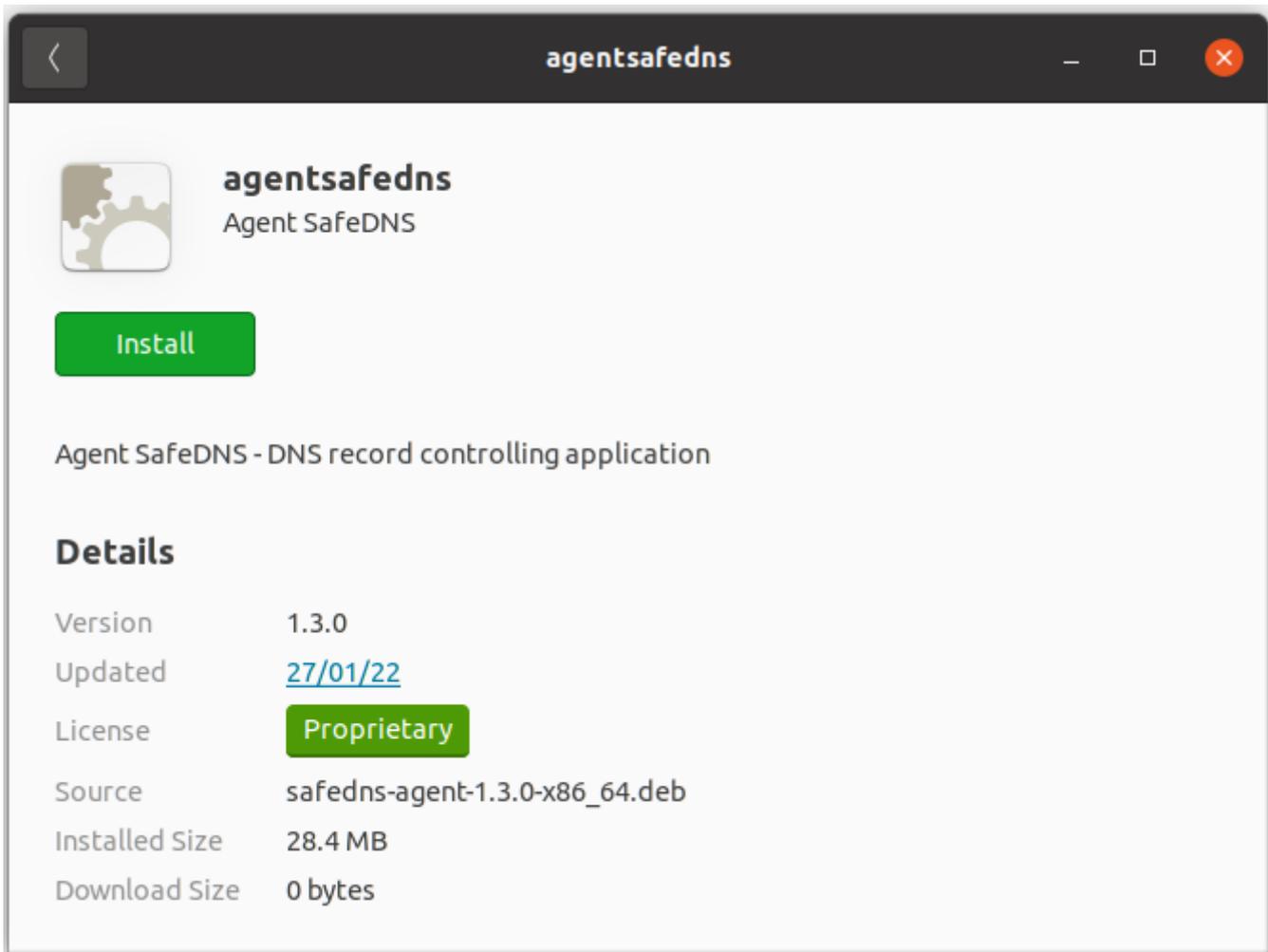
```
sudo dpkg -i /home/user/Downloads/safedns-agent-1.3.1-x86_64.deb
```

Please note, that the path to the file and/or package name might be different.

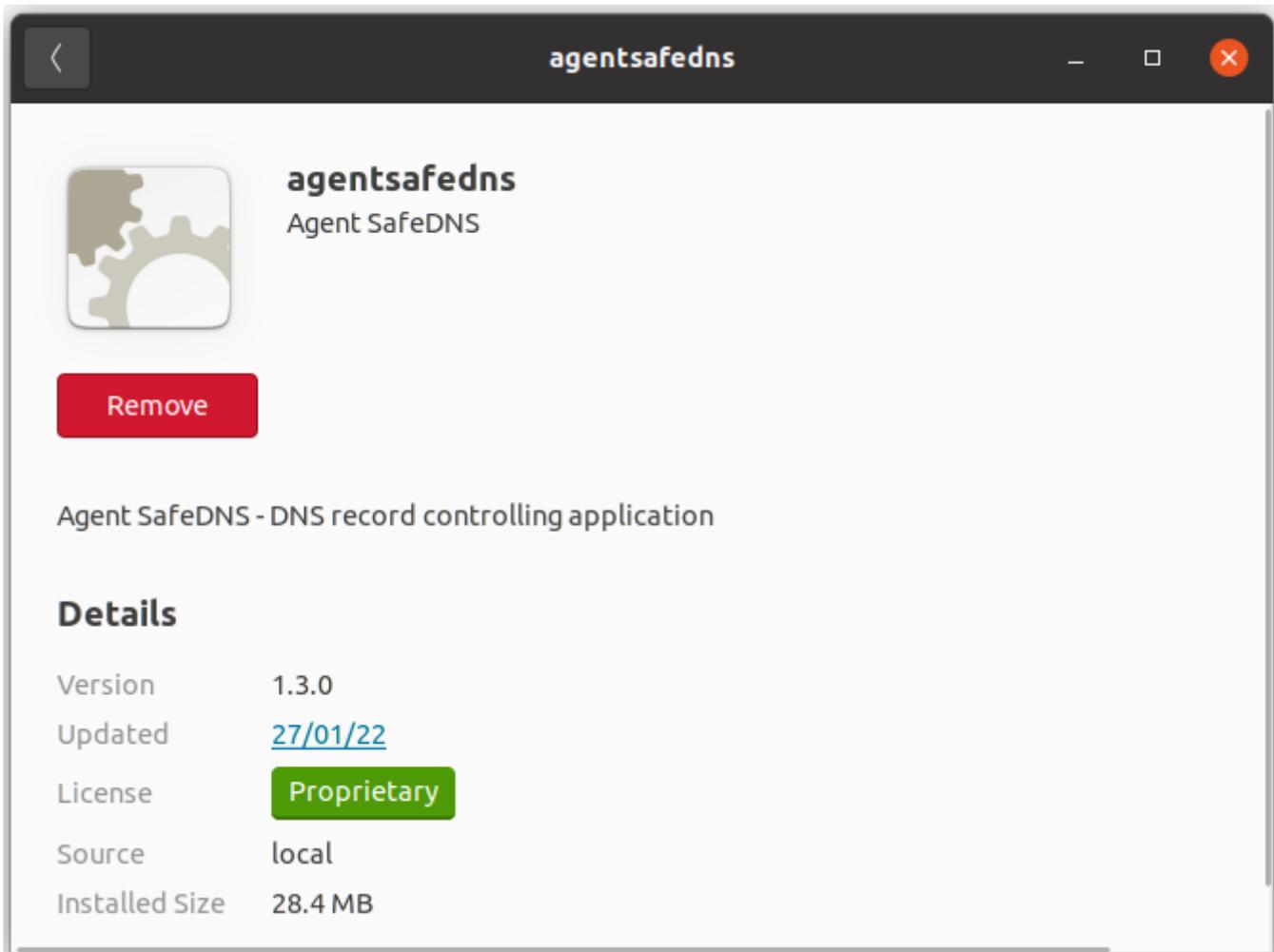
1. Open the “Downloads” folder:



2. Run the downloaded file and install the Agent. Enter the Admin password if prompted.

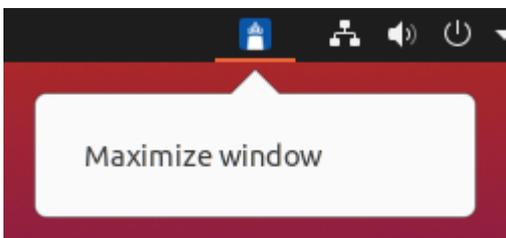


3. You will see the following window once the installation finishes:

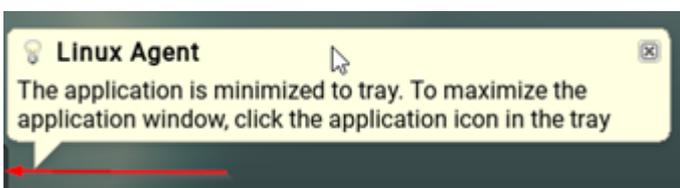


Agent Setup

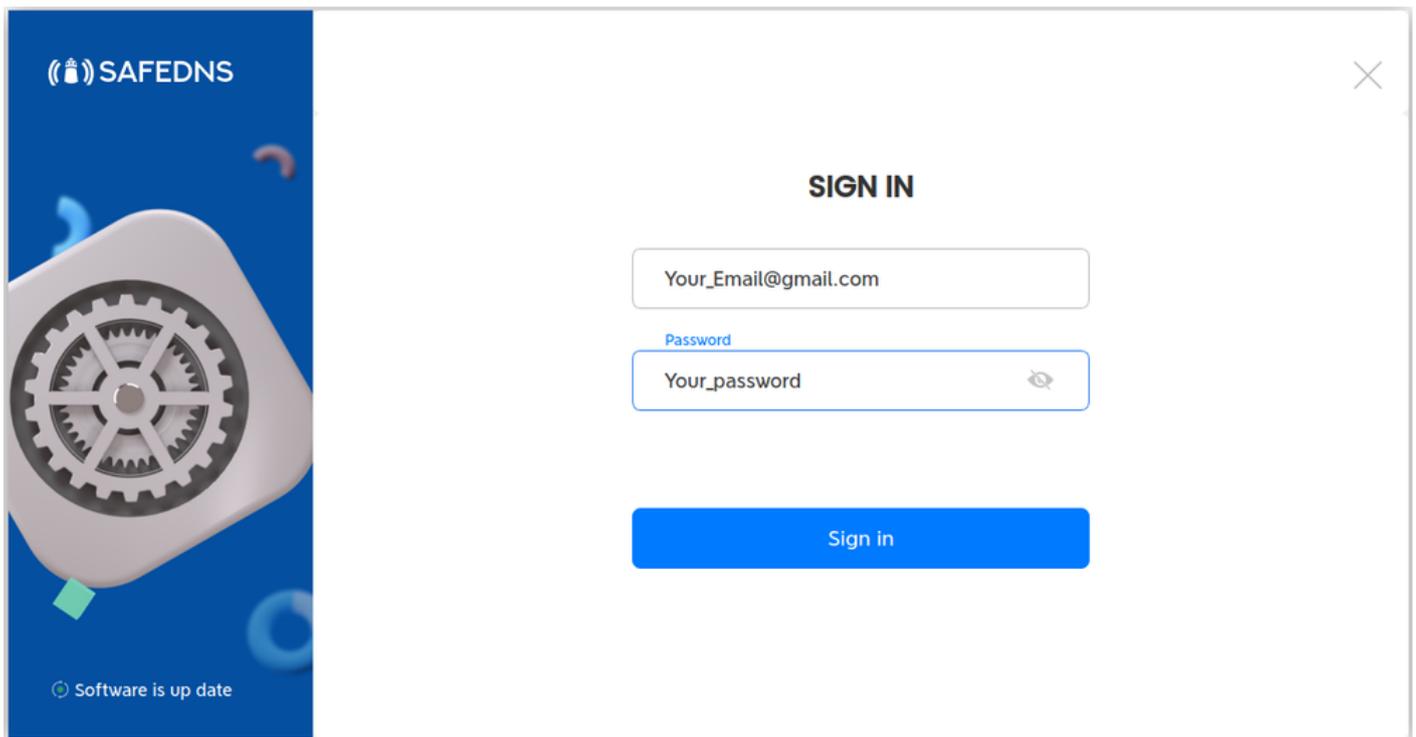
1. **Restart your system.** The Agent icon will appear in the system tray.
2. Open the Agent by clicking on the icon in the system tray.



!On **Debian 9**, click on the black line in the bottom right corner, if the tray icon is hidden.



3. Enter your SafeDNS account credentials in the opened window.



SIGN IN

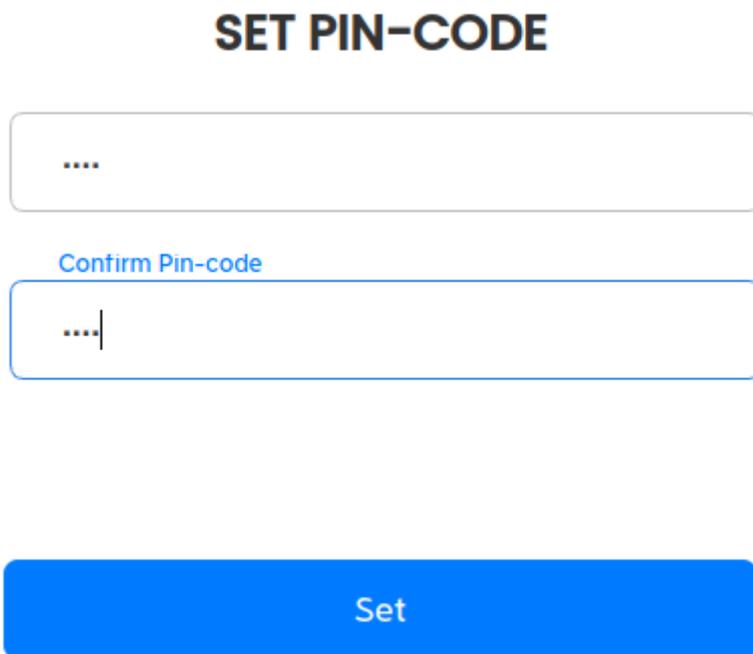
Your_Email@gmail.com

Password
Your_password

Sign in

Software is up date

4. Set up the security PIN that will be used later to restrict access to the Agent:



SET PIN-CODE

....

Confirm Pin-code

....|

Set

5. Enter the PIN once again to sign in to the Agent:

PIN-CODE

Pin-code

Sign in

Agent Overview

The main window of the Agent. Here you can view your account information, current IP address, your Billing Plan, and Subscription expiration date.

Use the Policy menu to view and change the current filtering Policy.

SAFEDNS

Filtering enabled

Account	Your IP address 58.181.128.28	Billing Plan Safe@Off...	Next payment 31 Dec. 2022
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DEFAULT
 MOBILE-PHONE
 KIDS

Software is up date

The system information menu shows brief information about the Agent, current filtering policies, and the network interfaces. The information in this menu can be copied to the clipboard by clicking the "Copy to clipboard" button.

The screenshot shows the SafeDNS dashboard with the 'System information' tab selected. The left sidebar contains 'Policy', 'System information', and 'Debug'. The main content area displays account details, IP address (58.181.128.28), billing plan (Safe@Off...), and next payment date (31 Dec. 2022). Below this, system details are shown, including agent version (1.3.0), token, UID, and DNS server (127.0.0.1). A table of profiles is also visible:

Id	Active	Name
10303	*	Default
17356		MOBILE-PHONE
17357		KIDS

Network interfaces are also listed, including 'lo' and 'enp0s3'. A 'Copy to clipboard' button is present in the bottom right of the main content area.

The Debug menu displays the results of the diagnostic commands that are required in case of troubleshooting. To send the debug information to SafeDNS, click the "Send report" button.

The screenshot shows the SafeDNS dashboard with the 'Debug' tab selected. The left sidebar contains 'Policy', 'System information', and 'Debug'. The main content area displays the same account and billing information as the previous screenshot. Below this, the results of a diagnostic command are shown:

```

--- NSLOOKUP---
Server:      127.0.0.1
Address:    127.0.0.1#53

Non-authoritative answer:
black.safedns.com  text = "{\"ip\": \"58.181.128.28 \", \"t\": \"650857813, \"p\": 10303}"

Authoritative answers can be found from:

--- DIG---

; <<>> DiG 9.16.15-Ubuntu <<>> txt black.safedns.com
;; global options: +cmd
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 20212
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 0

```

A 'Send report' button is located in the bottom right of the main content area.

Additional settings

To ensure the Agent was installed correctly, please navigate to the "**Settings**" tab in the [SafeDNS Dashboard](#) and scroll down to the bottom.

If you see the record with the Device name and your IP address, it means that the filtering is working.

Agents				
Device	OS	Policy	Comment	Last seen
Default 11 (10.0.2.15)	debian 11	Default		6 hours ago

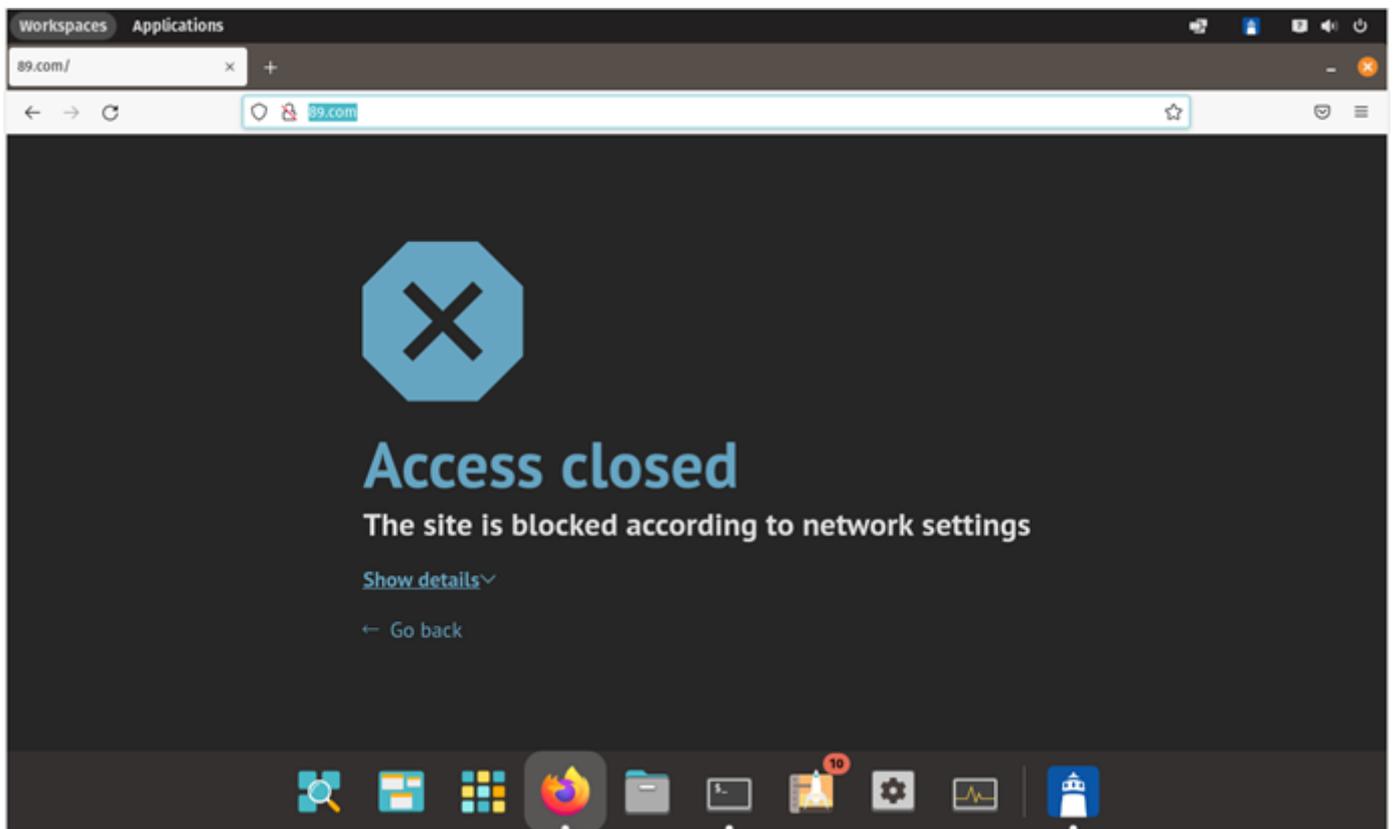
After that, you can adjust the filtering Policy according to your needs. You can select categories to block [here](#).

Don't forget to click the "Save changes" button.

The screenshot shows the 'AppBlocker' configuration page. On the left is a navigation menu with options like Main, User administration, Settings, Categories, AppBlocker, Allowlist, Denylist, Stats, New Stats (Beta), Help, and Account. The main content area is titled 'Categories' and 'AppBlocker'. It features a 'Policy' dropdown set to 'Default', a toggle for 'Use the Allowlist only', and a 'Save changes' button. Below this, there are two sections: 'Recommended' and 'All categories'. The 'Security' category is expanded, showing sub-categories: Botnets & C2C, Malware, Ransomware, Cryptojacking, Parked Domains, DGA, and Phishing & Typosquatting. The 'Illegal Activity' category is also expanded, showing sub-categories: Academic Fraud, Drugs, Tasteless, Child Sexual Abuse (Arachnid), German Youth Protection, VPN, Proxies & Anonymizers, Child Sexual Abuse (IWF), and Hate & Discrimination.

The setup is complete!

A blocked website will display an error message that the Access is closed:



If the filtering doesn't work according to your policy settings, [clear the cache of your browser](#).

Please note, that settings take 5-7 minutes to apply.
Stats and filtering status update every 10 minutes.

Uninstallation

For the **.rpm** package, use the following command:

```
sudo rpm -e agentsafedns
```

For the **.deb** package, use the following command:

```
sudo apt-get remove agentsafedns
```

Enter **"y"** if prompted to confirm the Agent removal.

Revision #12

Created 28 August 2022 21:31:46

Updated 5 September 2024 07:26:44 by Val Redman