

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 sidebar menu with options: 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 about statistics. Below this is the 'Getting started' section, which includes a 'Setup guide for:' row with buttons for Routers, Windows, Linux (highlighted with a red arrow), MacOS, Android, and iOS. Under the 'Linux' button, there are two red arrows pointing to the text '1. Download the Agent for Linux .deb / .rpm' and '2. Follow the instructions and install Agent'. A 'Guide' button is at the bottom left of this section. On the right, there is an 'Account' section showing 'Your IP address' and a 'Tutorial' button with a play icon.

.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.

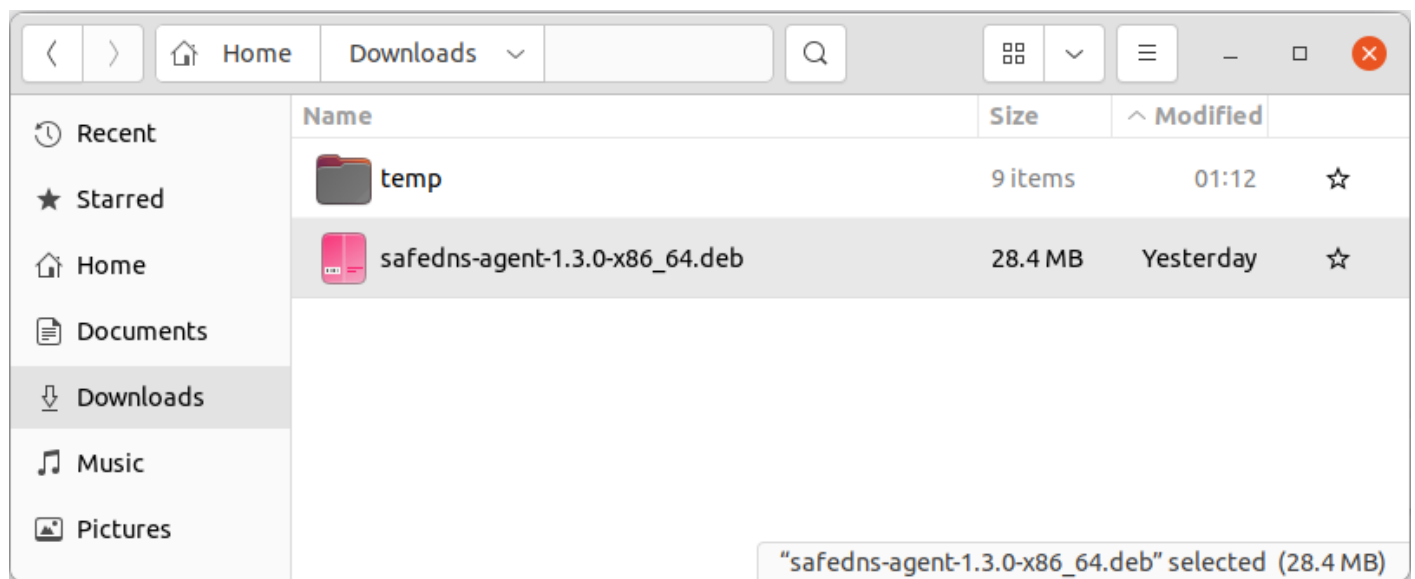
.deb package

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

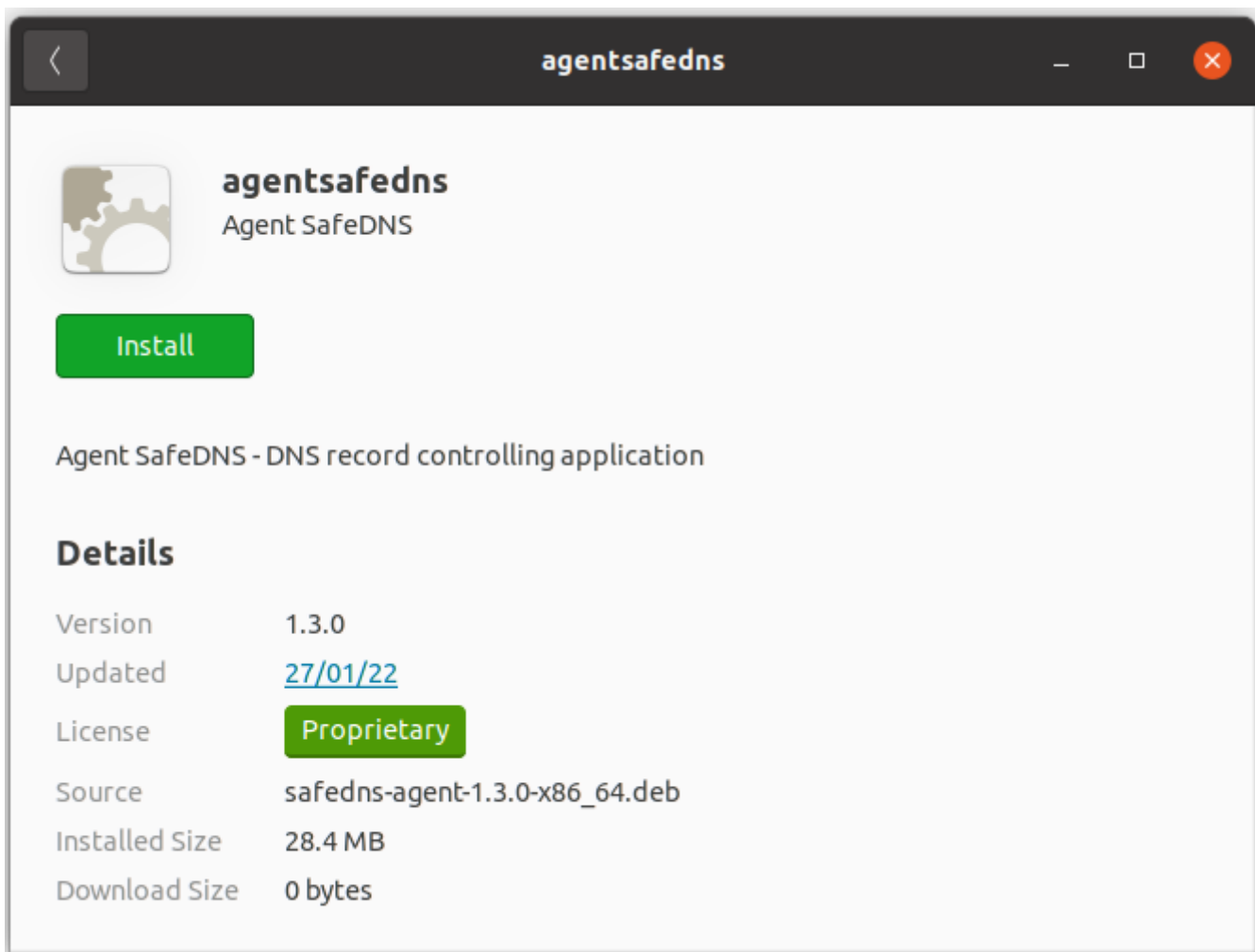
```
sudo dpkg -i /home/user/Downloads/safedns-agent-1.3.1-x86_64.deb
```

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

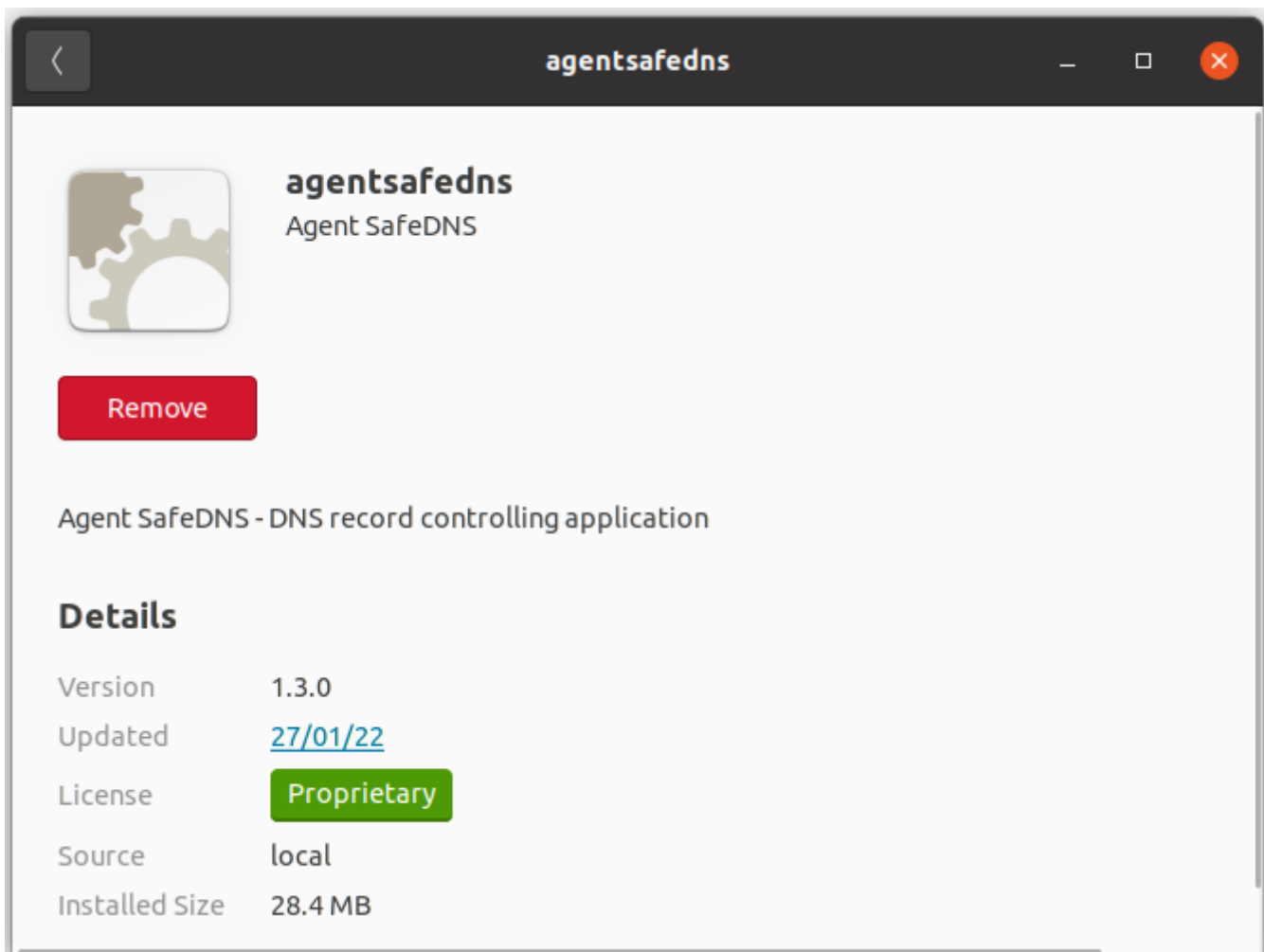
1. Open the “Downloads” folder:



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

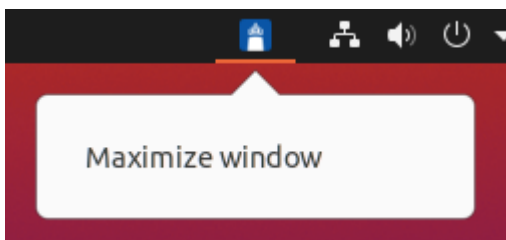


3. You will see the following window once the installation finishes:

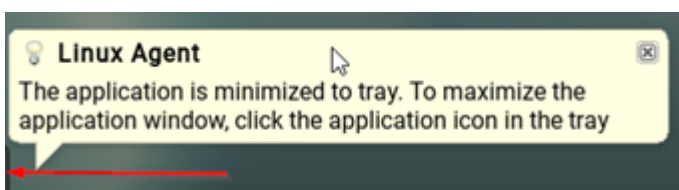


Agent Setup

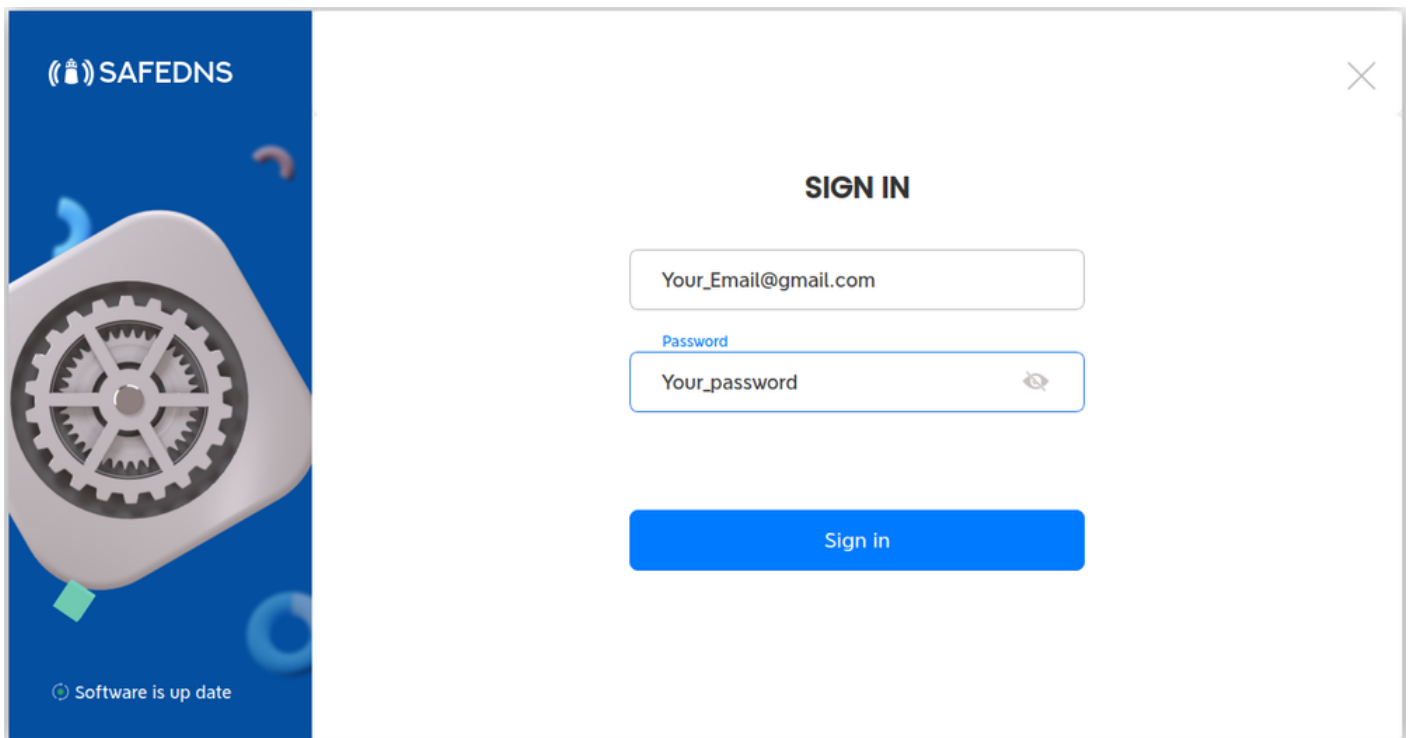
1. **Restart your system.** The Agent icon will appear in the system tray.
2. Open the Agent by clicking on the icon in the system tray.



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

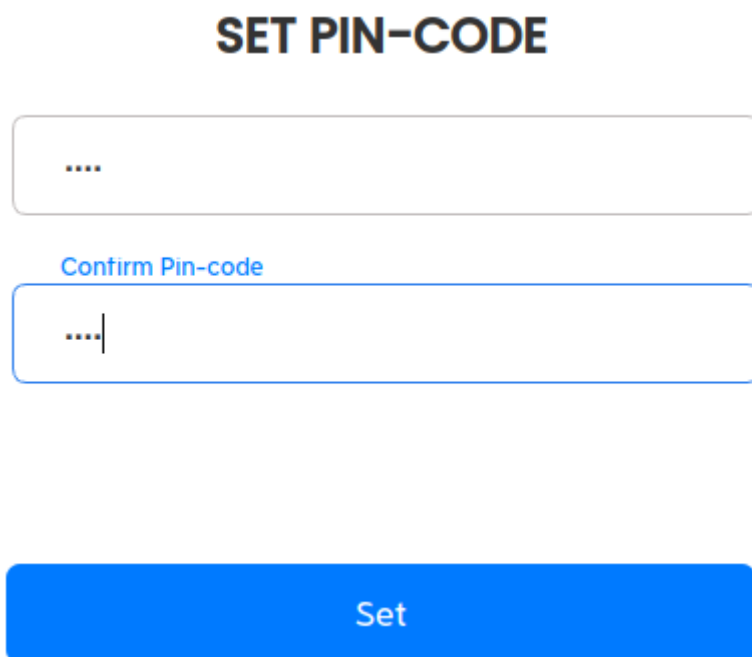


3. Enter your SafeDNS account credentials in the opened window.



The image shows a 'SIGN IN' window for SafeDNS. On the left is a blue sidebar with the SafeDNS logo, a gear icon, and the text 'Software is up date'. The main area is white and contains the title 'SIGN IN', an email input field with placeholder 'Your_Email@gmail.com', a password input field with placeholder 'Your_password' and a toggle icon, and a blue 'Sign in' button.

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



The image shows a 'SET PIN-CODE' window. It has a title 'SET PIN-CODE' and two input fields for a PIN. The first field is empty except for four dots. The second field is labeled 'Confirm Pin-code' and also contains four dots. At the bottom is a blue 'Set' button.

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.



Policy

System information

Debug

Software is up date

Account

Your IP adress
58.181.128.28

Billing Plan

Safe@Off...

Next payment

31 Dec. 2022

☒ DEFAULT


☐ MOBILE-PHONE

☐ KIDS

☒ Filtering enabled

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.



PolicySystem informationDebug

Software is up date

AccountYour IP address58.181.128.28


Billing PlanSafe@Off...Next payment31 Dec. 2022

Agent: SafeDNS Agent
Version: 1.3.0
Token: 50857813
UID: ffd80a34-97e1-4508-aaef-c956dcb9944c
DNS: 127.0.0.1
Protection is turned on: yes

Profiles:


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

Network Interfaces:
1) lo
- Host Address | NetMask:
- 127.0.0.1 | 255.0.0.0
- ::1 | ffff:ffff:ffff:ffff:ffff:ffff:ffff:ffff
- Hardware Address: 00:00:00:00:00:00
- Flags: IsUp IsRunning IsLoopBack
2) enp0s3



Copy to clipboard

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.



PolicySystem informationDebug

Software is up date

AccountYour IP address58.181.128.28

Billing PlanSafe@Off...Next payment31 Dec. 2022


--- 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



Send report

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				
<div>Agent × 🔍</div>				
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.

⋮ Main

⋮ User administration

⚙ Settings

☰ Categories

Categories

AppBlocker

⋮ Allowlist

⊖ Denylist

📊 Stats

📊 New Stats (Beta)

📖 Help

👤 Account

CategoriesAppBlocker

Video instruction for setting up

PolicyDefault

Use the Allowlist only

Save changes

RecommendedAll categories

Close All

Security

Botnets & C2C

Malware

Ransomware

Cryptojacking

Parked Domains

DGA

Phishing & Typosquatting

Illegal Activity

Academic Fraud

Drugs

Tasteless

Child Sexual Abuse (Arachnid)

German Youth Protection

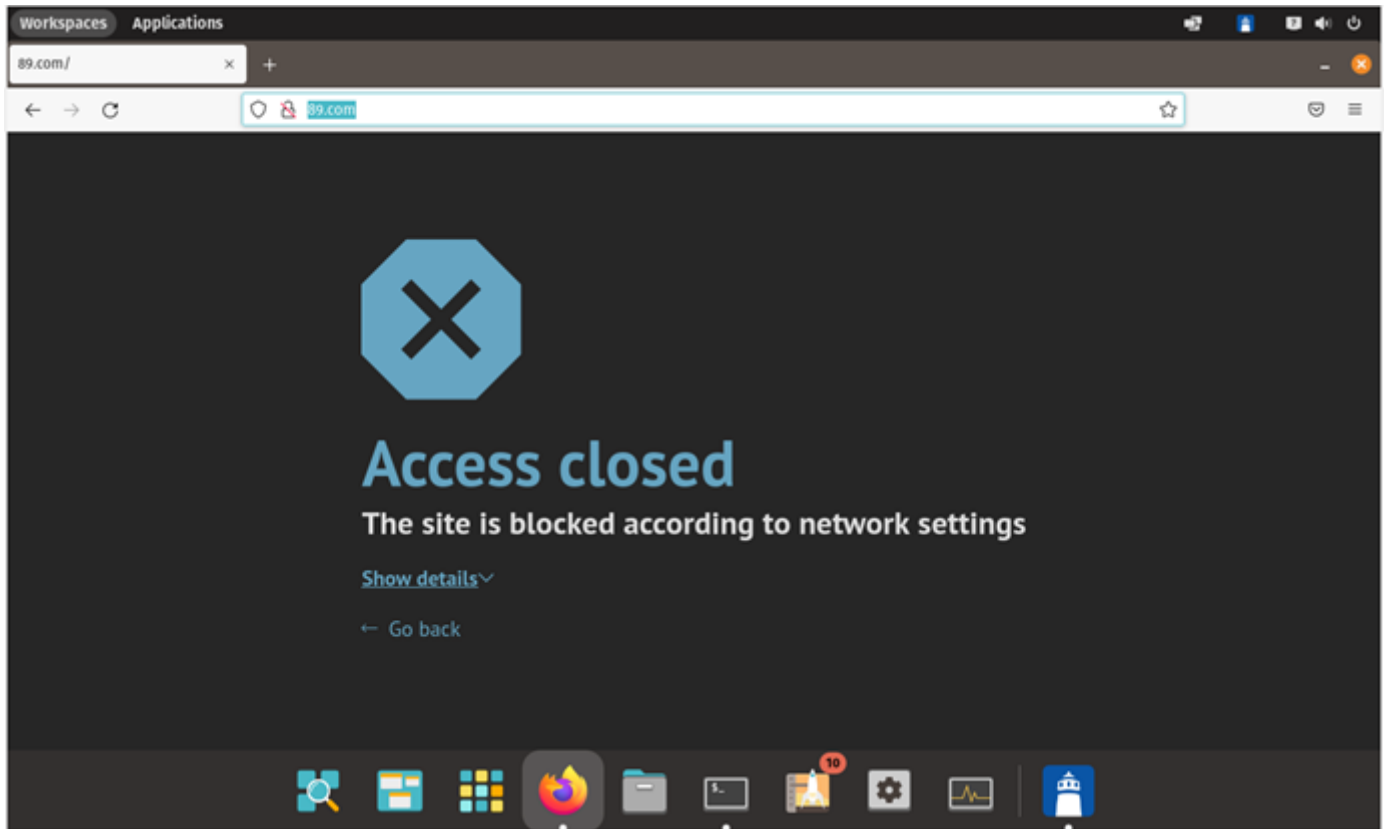
VPN, Proxies & Anonymizers

Child Sexual Abuse (IWF)

Hate & Discrimination

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