

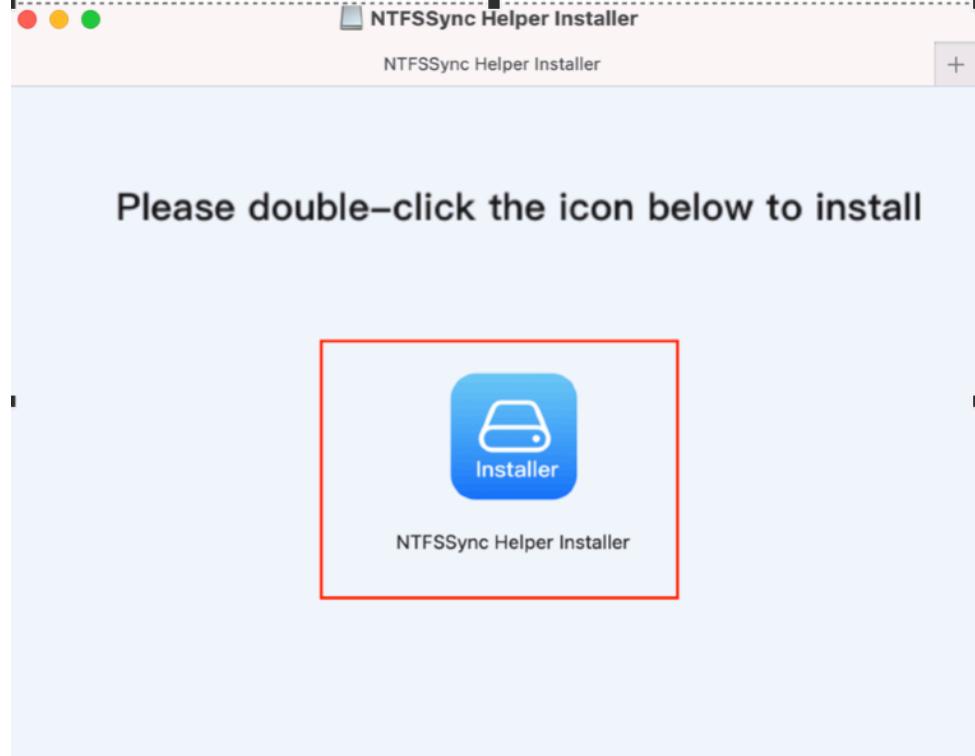
# NTFSSync Helper Installation Help Document

## NTFSSync Helper Installer Package Download

Why do I need to install the NTFSSync Helper program? Since mounting an NTFS disk in read-write mode requires higher permissions and the third-party system extension kext that supports the NTFS file system needs to be loaded, this cannot be achieved due to the permission restrictions of the AppStore version of the App. All functions need to be implemented with the help of the Helper program.

. Tip: The implementation principles of all NTFS reading and writing software on the market are like this. The following document will try to explain it clearly to everyone in the shortest and clearest sentences.

1 Click the NTFSSync Helper Installer package [download link](#) to download. After downloading, double-click the dmg file to open the dmg disk, and then double-click the NTFSSync Helper Installer icon to run the installation package software.



NTFSSync Helper Installer

After installing the small program NTFSSync Helper, NTFSSync App can enable write permissions for NTFS disks.

NTFSSync Helper requires the use of macFUSE third-party file system extensions to ensure the normal use of the Helper function.

Regarding macFUSE, you can check the URL <https://osxfuse.github.io>

First step:

**Install Helper**

Second step:

**Install macFUSE**

Third step:

**macFUSE Load Authorization**

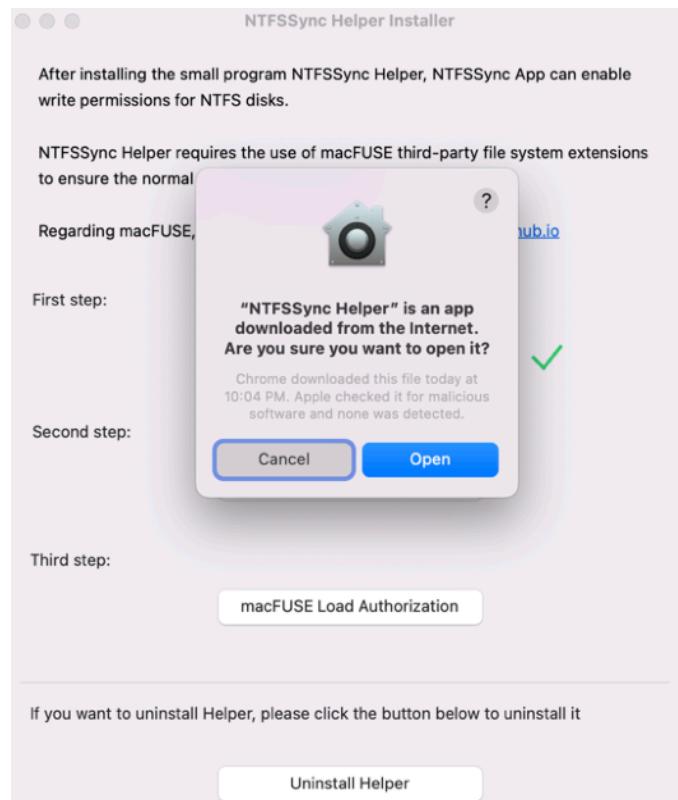
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If you want to uninstall Helper, please click the button below to uninstall it

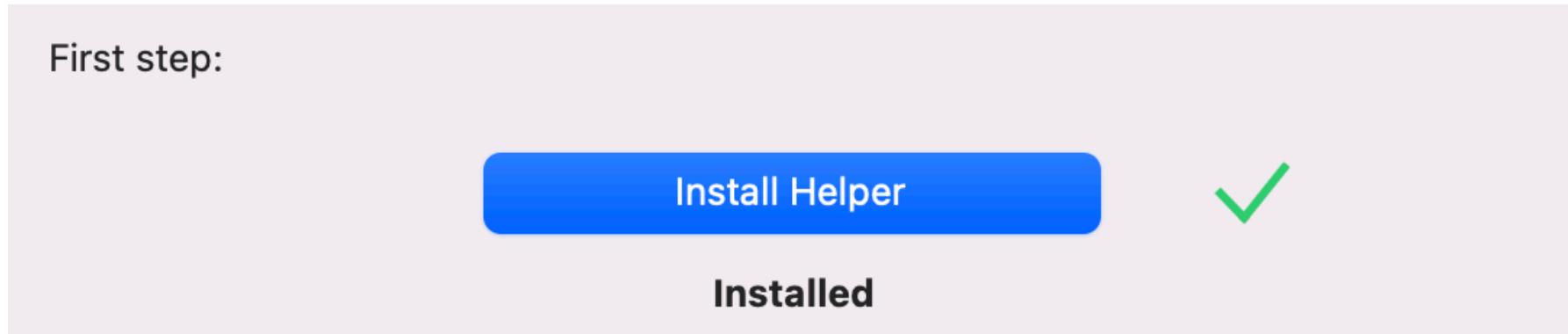
**Uninstall Helper**

# 一、 NTFSync Helper Installation

1 Click the "Install Helper" button in the first step of the NTFSync Helper Installer software, and authorize the computer user password to be entered to install the NTFSync Helper program. After successful installation, if a pop-up window pops up to allow opening, please click Open.

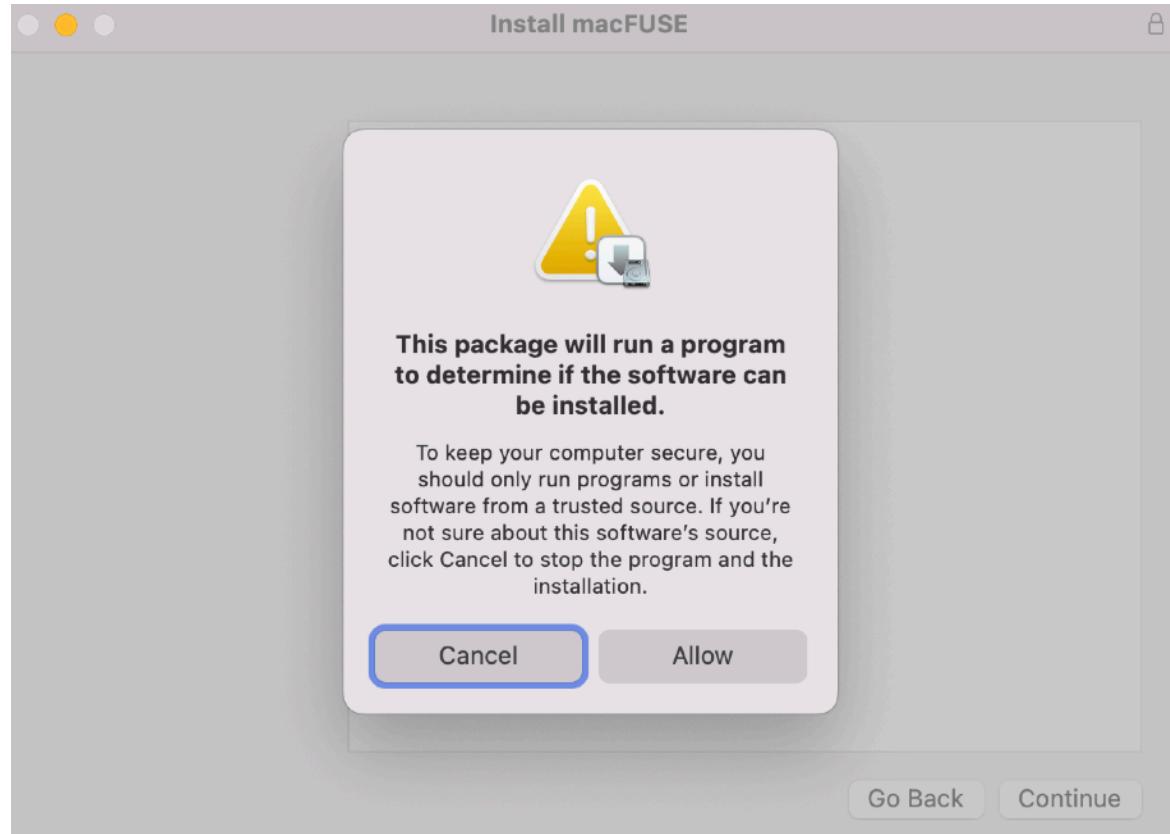


After the installation is successful, the interface will display the text description "Installed"

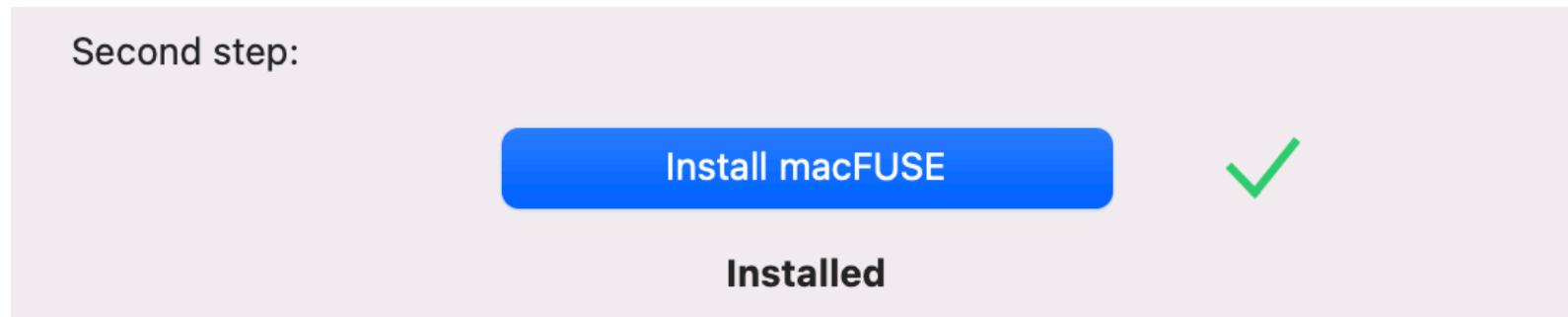


## 二、 macFUSE Installation

1 Click the "Install macFUSE" button in the second step of the NTFSSync Helper Installer software. The macFUSE installation program will be launched. Click to allow the step-by-step installation.



After the installation is successful, the interface will display the text description "Installed"



## 三、macFUSE Load Authorization

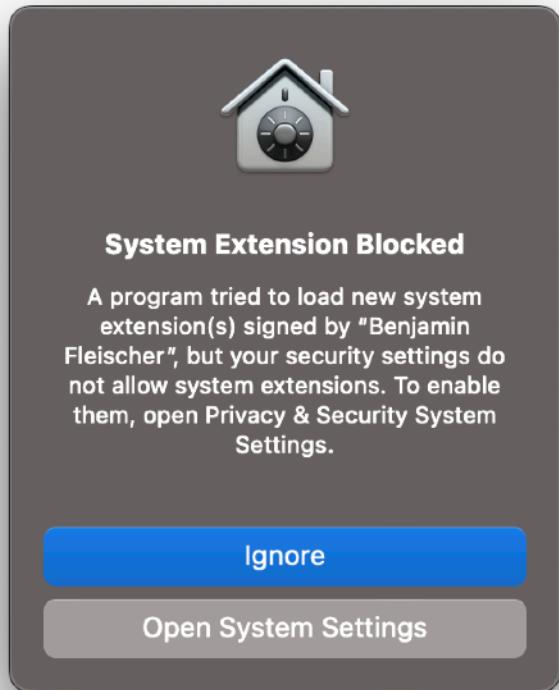
The Helper program of NTFSSync is developed based on the MacFuse file system extension. To enable the reading and writing function of NTFS format disk files, you need to enable the authorization of the MacFuse system extension. Authorization mainly consists of two steps.

### **Step one: Enabling support for third party kernel extensions (Apple Silicon Macs)**

This situation is for the first time you use macFUSE on a computer with an Apple Silicon ARM architecture chip, and you need to enable support for third-party kernel extensions. **If you have enabled support for third-party kernel extensions or your computer has an Intel chip, please skip this step and go directly to step two.**

On Apple Silicon Macs the following prompt will be displayed when trying to load a kernel extension for the first time.

1.1 Click on the "Open System Settings" button. This will open the Privacy & Security settings.



1.2 By default, third-party kernel extensions are disabled on Apple Silicon Macs. Click on the "Enable System Extensions..." button and enter your login password when prompted.



## Privacy & Security

Search

Sign in  
with your Apple ID

Wi-Fi

Bluetooth

Network

Notifications

Sound

Focus

Screen Time

General

Appearance

Accessibility

Control Centre

Siri & Spotlight

Privacy & Security

Desktop & Dock

Displays

### Security

Allow applications downloaded from

- App Store  
 App Store and identified developers

Your current security settings prevent the installation of system extensions.

[Enable System Extensions...](#)



#### FileVault

FileVault secures the data on your disk by encrypting its content automatically.

[Turn On...](#)

**WARNING:** You will need your login password or a recovery key to access your data. A recovery key is automatically generated as part of this setup. If you forget both your password and recovery key, the data will be lost.

FileVault is turned off for the disk "Macintosh HD".



#### Lockdown Mode

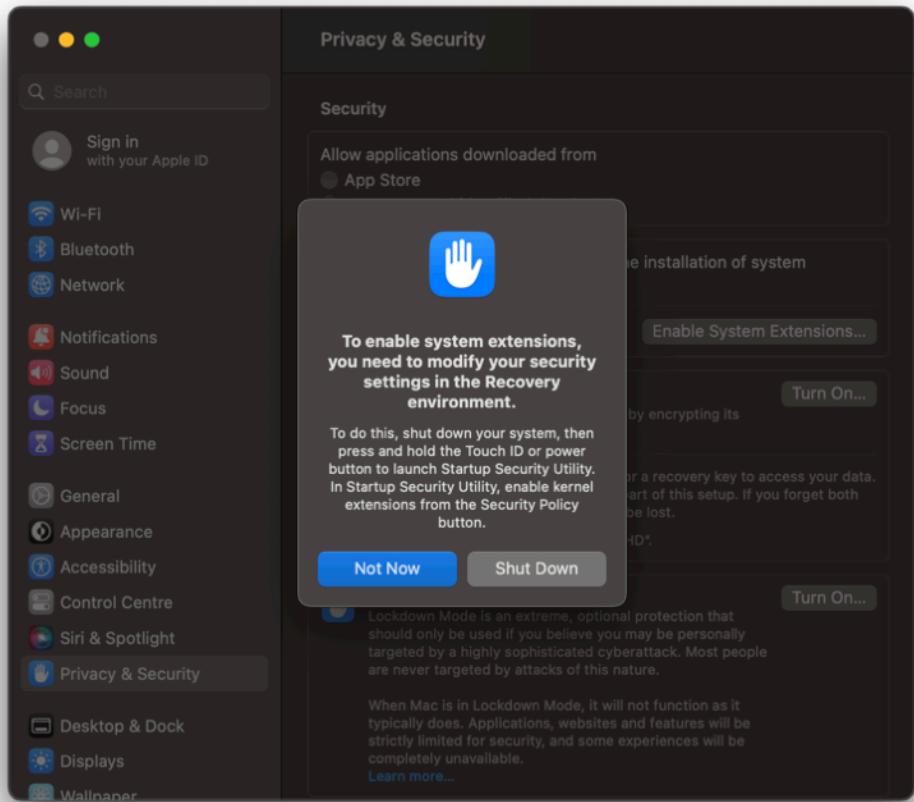
Lockdown Mode is an extreme, optional protection that should only be used if you believe you may be personally targeted by a highly sophisticated cyberattack. Most people are never targeted by attacks of this nature.

[Turn On...](#)

When Mac is in Lockdown Mode, it will not function as it typically does. Applications, websites and features will be strictly limited for security, and some experiences will be completely unavailable.

[Learn more...](#)

1.3 Click on "Shut Down".



1.4 After your Mac has shut down, Press and hold the power button until "Loading startup options" appears to put the computer into recovery mode

1.5 Click Options, then click Continue.



Macintosh HD

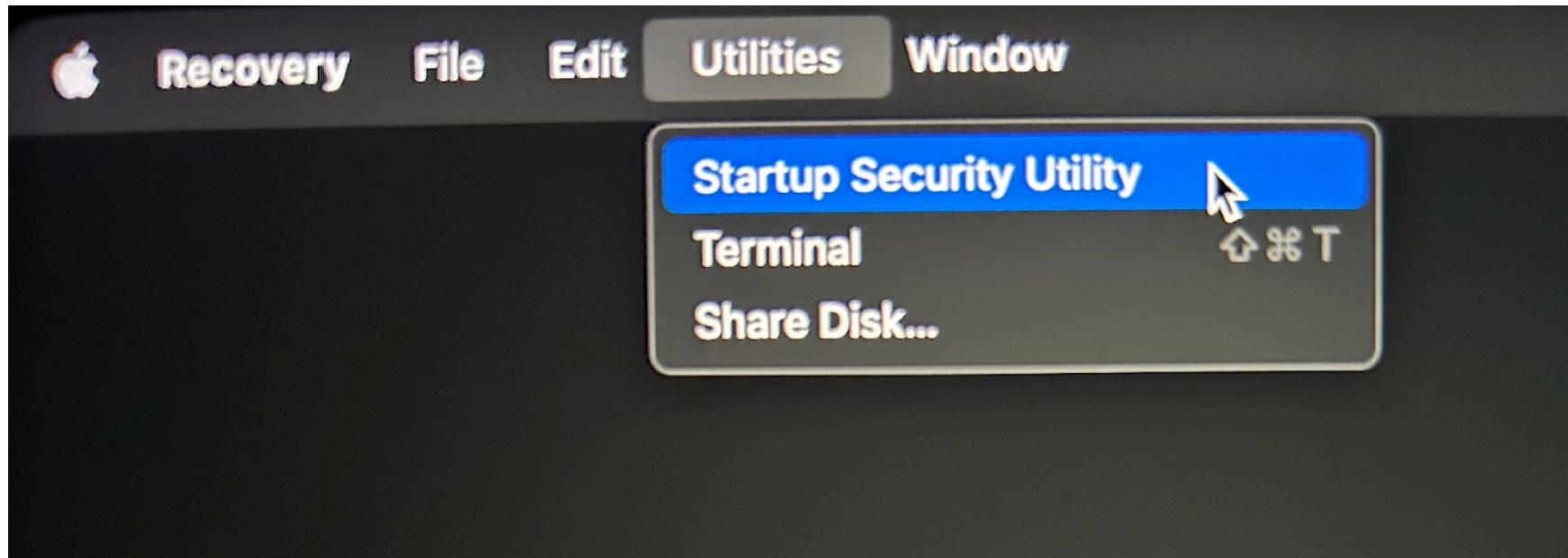


Options

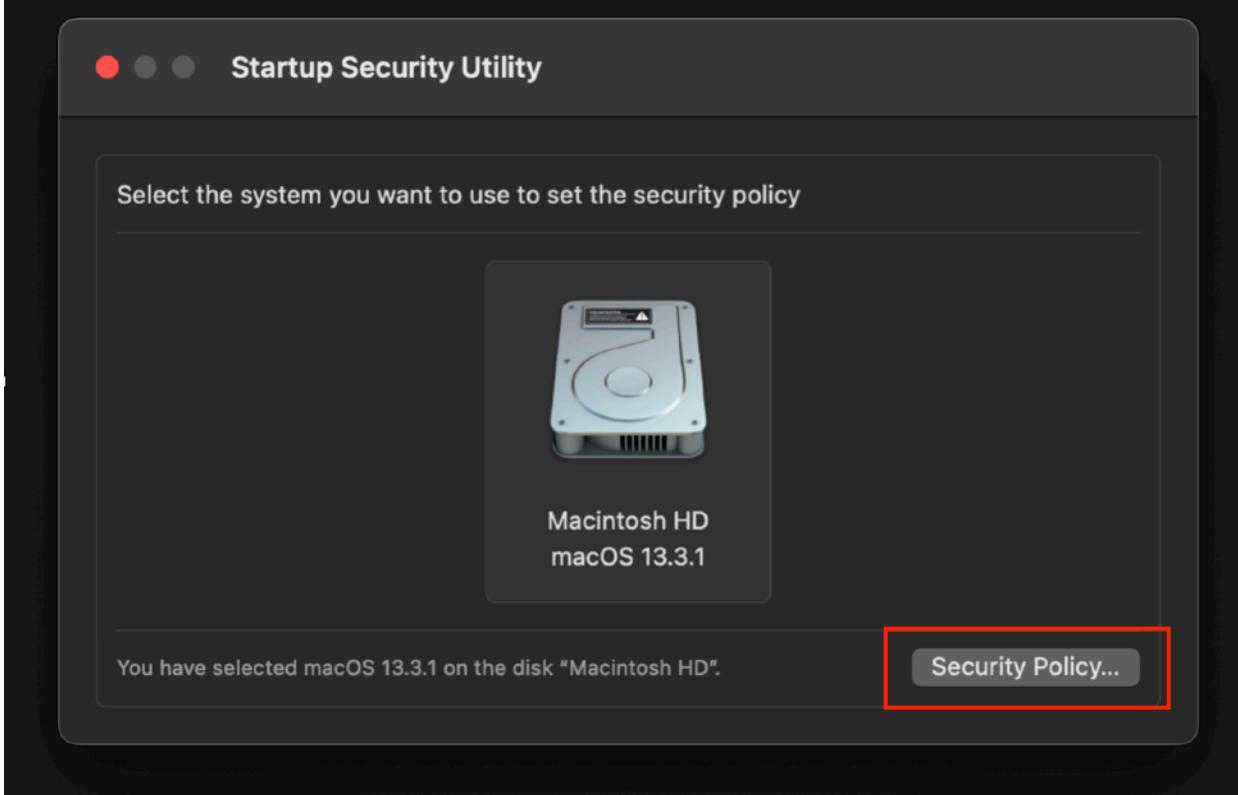
1.6 Select an administrator account and enter the account password.



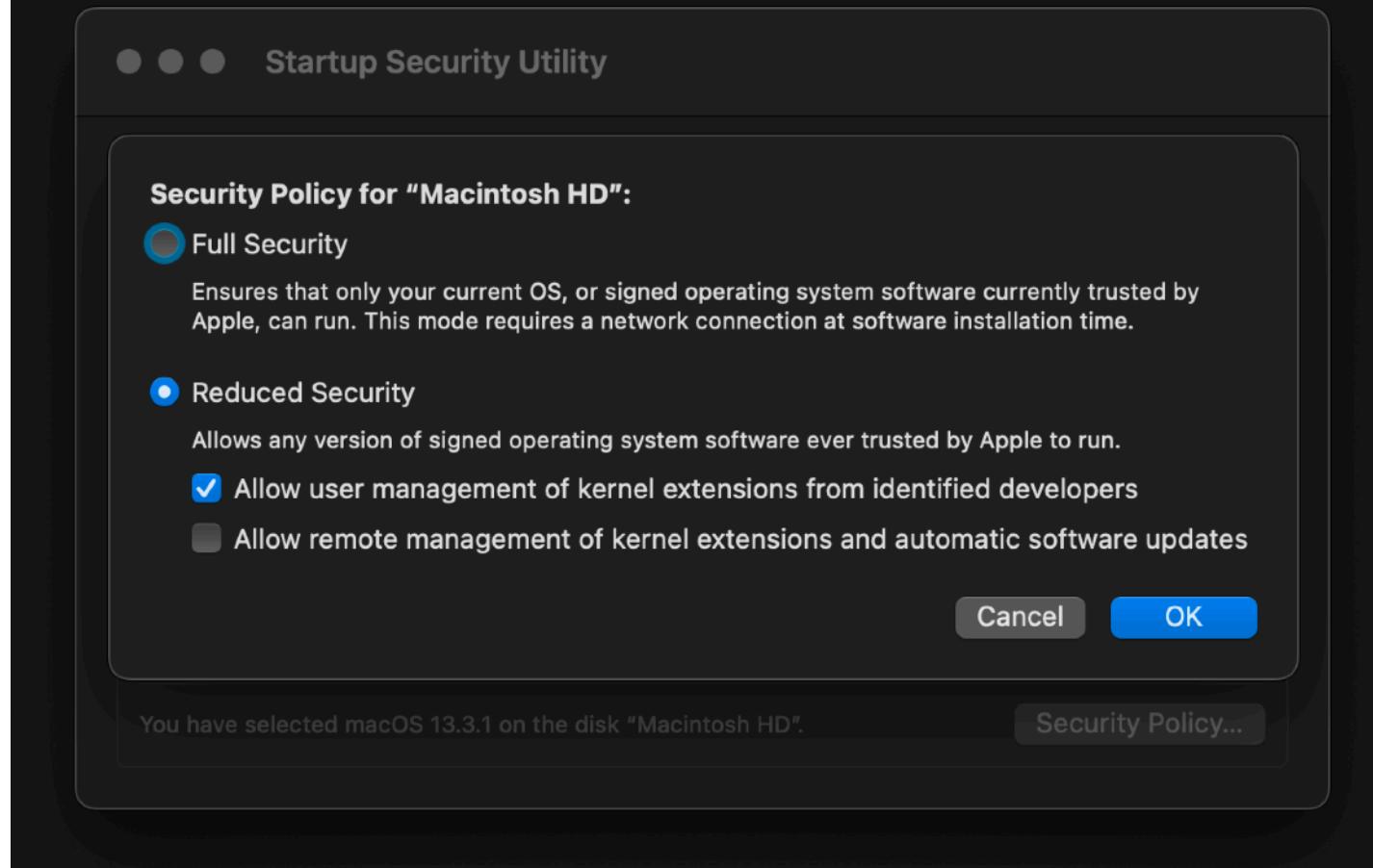
1.7 In the Recovery app, choose Utilities > Startup Security Utility.



1.8 Select the macOS volume you want to update the security policies for. Usually there is only one volume. Then click on the "Security Policy..." button.



1.9 Select "Reduced Security" and enable "Allow user management of kernel extensions from identified developers". Then click on "OK", enter your login password when prompted and restart your Mac.



## Step two: Allow the macFUSE kernel extension to load (Apple Silicon and Intel Macs)

2.1 Click the "Open System Settings" button. Open Privacy & Security settings. Click the "Allow" button.



## Privacy & Security

Search

Sign in  
with your Apple ID

Wi-Fi

Bluetooth

Network

Notifications

Sound

Focus

Screen Time

General

Appearance

Accessibility

Control Centre

Siri & Spotlight

Privacy & Security

Desktop & Dock

Displays

Wallpapers

### Security

Allow applications downloaded from

- App Store  
 App Store and identified developers

System software from developer "Benjamin Fleischer" was blocked from loading.

Allow



FileVault

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Turn On...

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Lockdown Mode

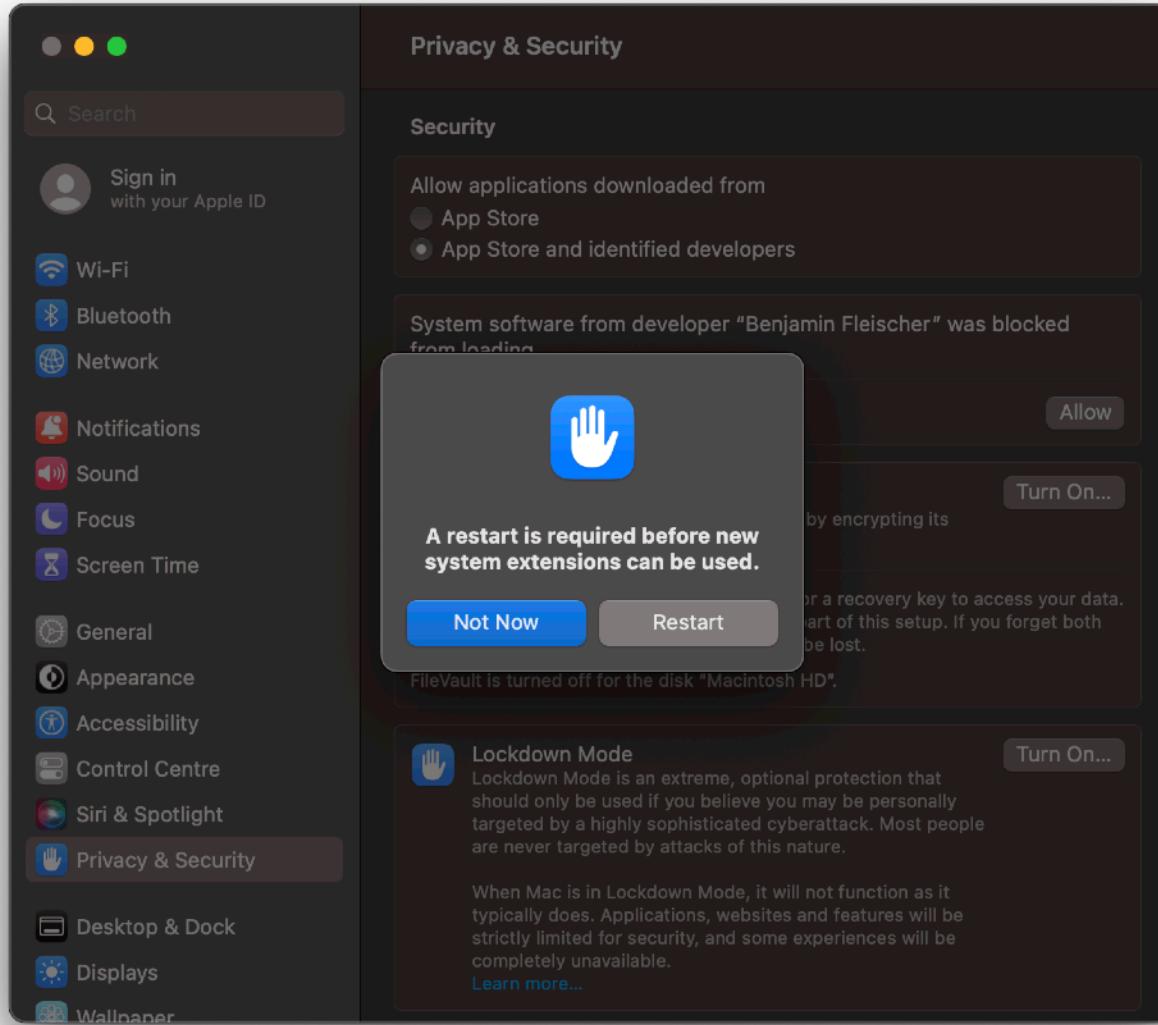
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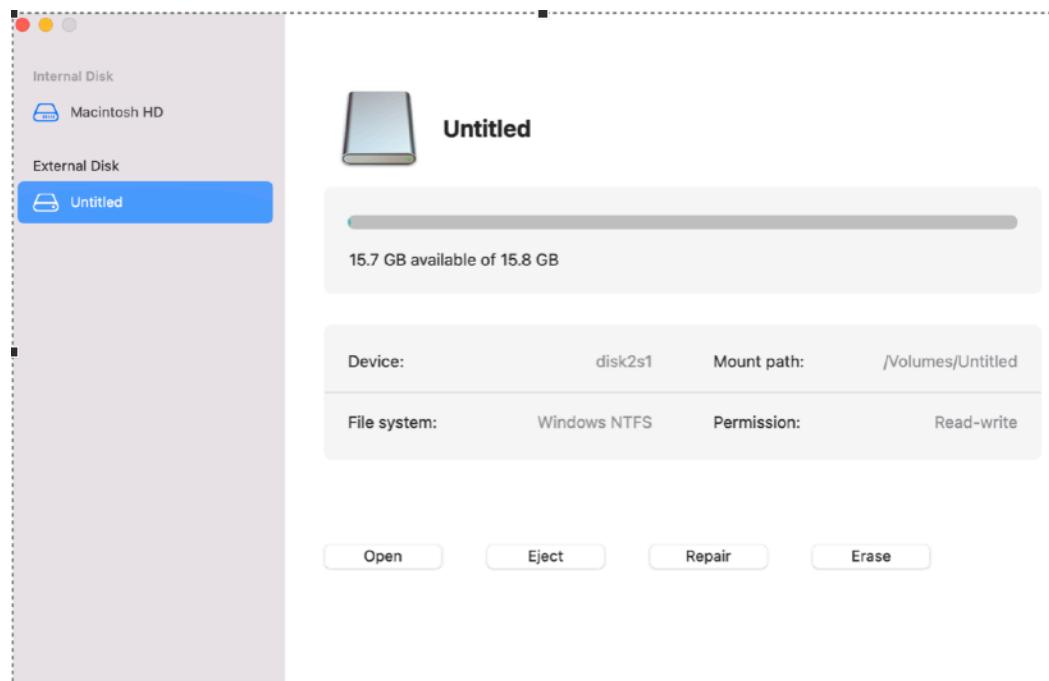
[Learn more...](#)

2.2 You will be asked to enter your login password. Enter the login password and then restart the computer.



**Tip:** Be sure to follow the installation instructions step by step to ensure that macFUSE is normally loaded by the system so that NTFSync can mount the NTFS disk in read-write mode.

After completing the above steps, open the NTFSSync homepage, find the NTFS disk you need to turn on read and write mode, and click the "Open Read&write" button. If the NTFSSync Helper program does not yet have "full disk access permissions", please follow the prompts to authorize full disk access permissions. After the full disk access permissions are successfully authorized. Click the "Enable Read and Write Permissions" button again, NTFSSync will unmount the disk first, so your NTFS disk will disappear. Then wait 1 to 2 seconds, and the NTFS disk will appear mounted in read-write mode again. Once opened successfully, the NTFS disk will be automatically mounted in read-write mode when inserted again later.



If you still have any questions, please contact us via email at [ttianyaa@icloud.com](mailto:ttianyaa@icloud.com) and we will reply and help you solve the problem as soon as possible.