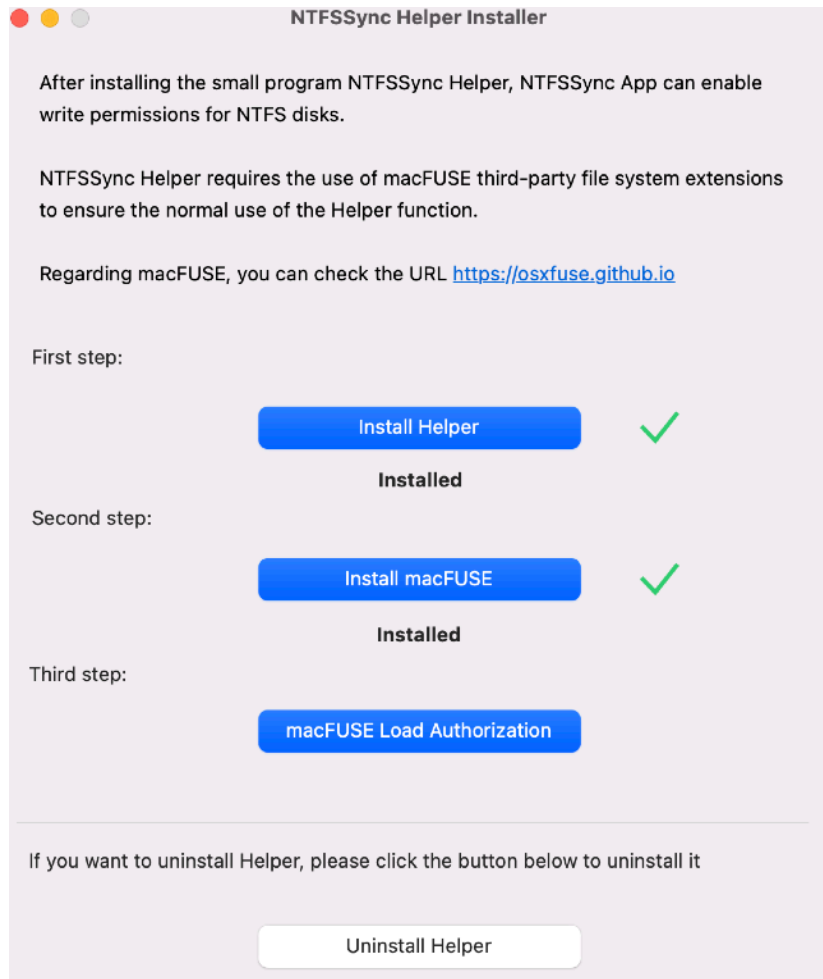


# macFUSE Load Authorization

Download [NTFSSync Helper](#), After NTFSSync Helper and macFUSE are installed, it will be displayed as installed below the button. At this time, you can enter the third step to load and authorize macFUSE.



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 Only)**

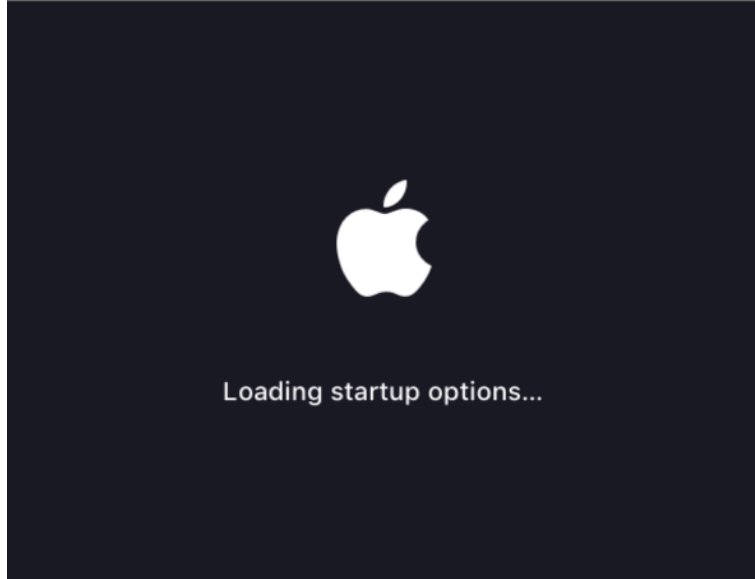
This situation is for the first time you use macFUSE on a computer with an Apple Silicon ARM architecture chip, and you need to enable support for third-party kernel extensions. **If you have enabled support for third-party kernel extensions or your computer has an Intel chip, please skip this step and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

**The steps are a bit detailed. If it's hard to remember, just copy the online doc link and follow along on your phone browser.**

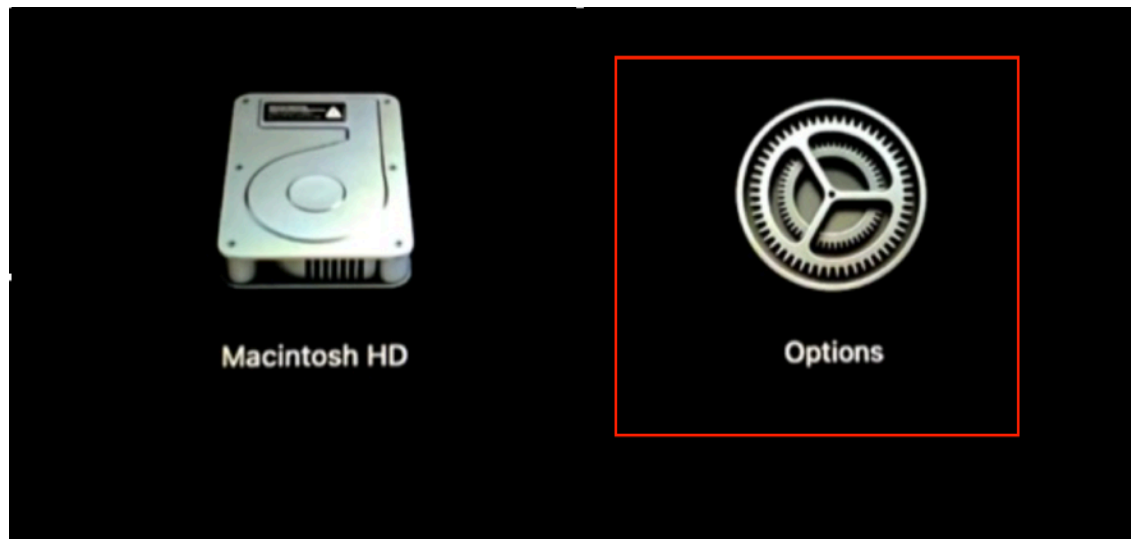
**For the online document, please view the link:**

<https://fineusing.com/ntfssync-guide.html?pdf=ntfssync-helper-guide-en.pdf>

1.1 First, shut down your computer. After it's off, press and hold the power button with your finger until 'Loading startup options' appears, then release your finger to let the computer enter recovery mode.



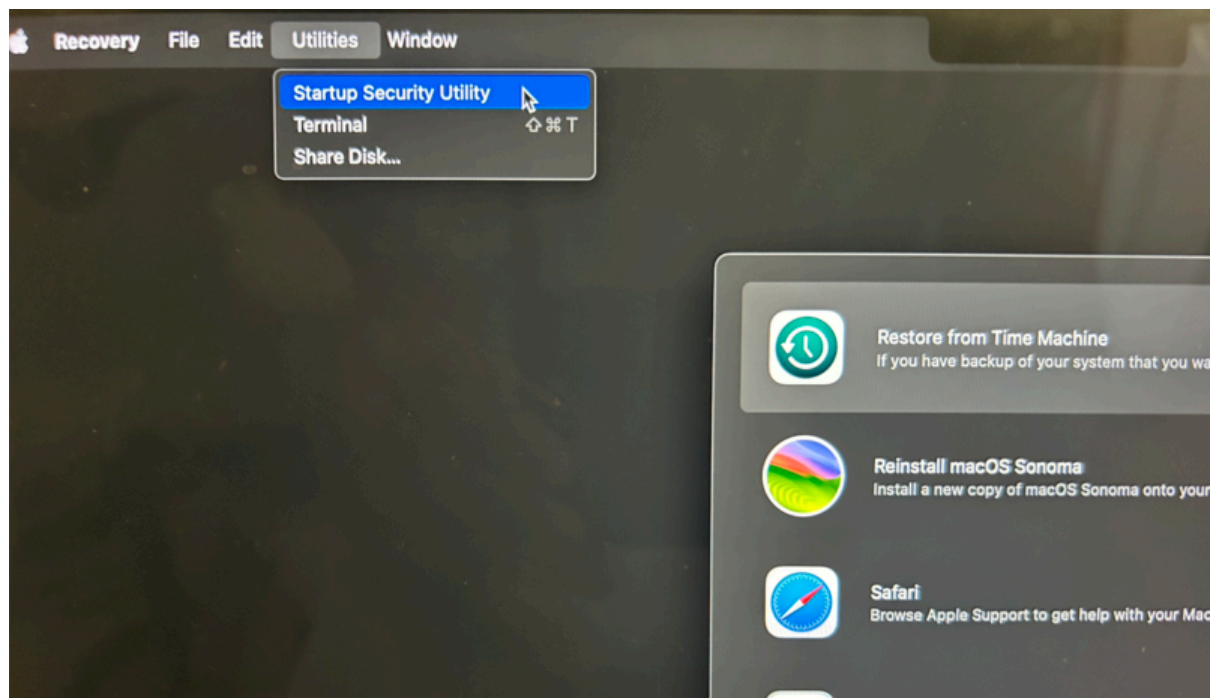
1.2 After the computer enters recovery mode, Click Options, then click Continue.



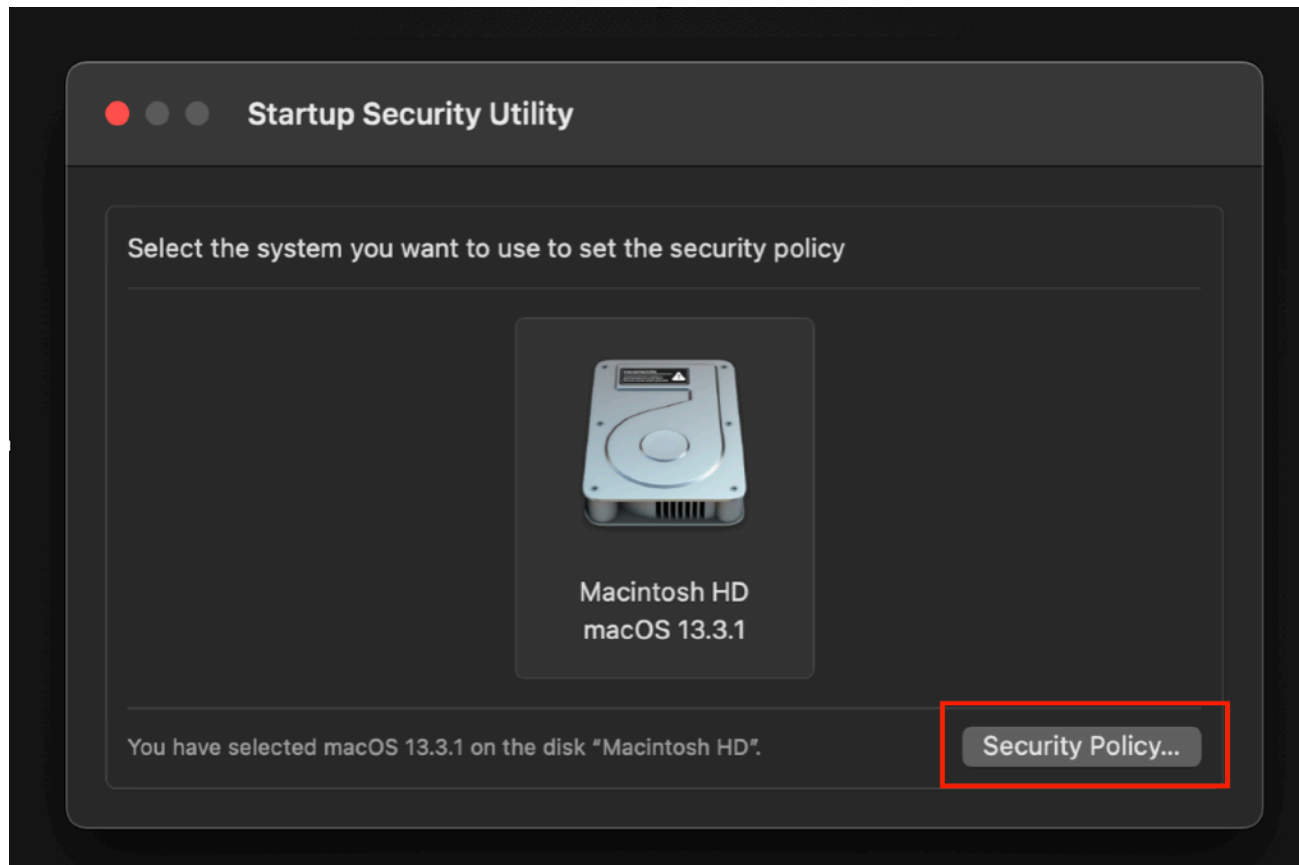
1.3 Select an administrator account and click Next



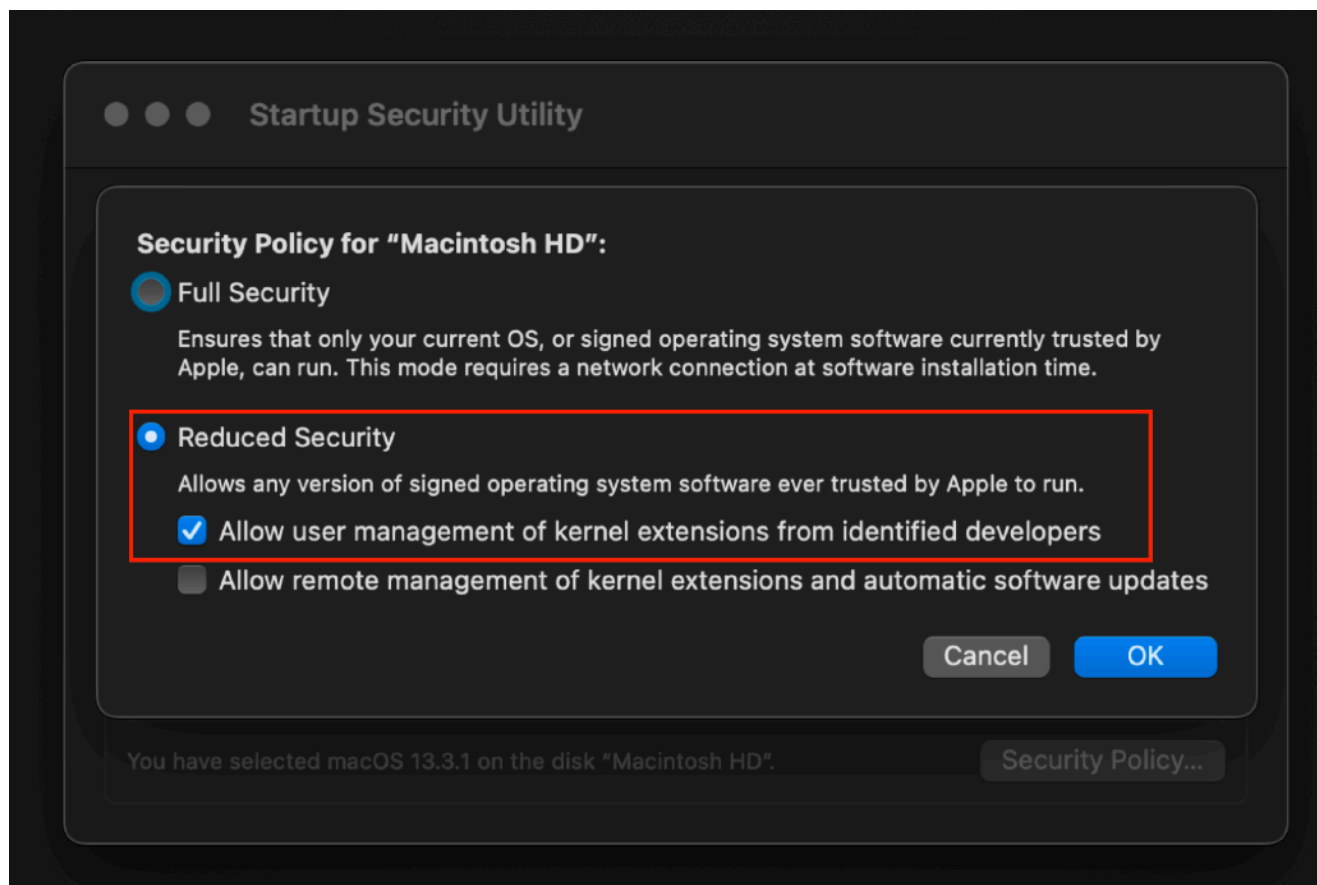
1.4 In the upper left corner of the computer,  
In the Recovery app, choose Utilities > Startup Security Utility.



1.5 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.



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

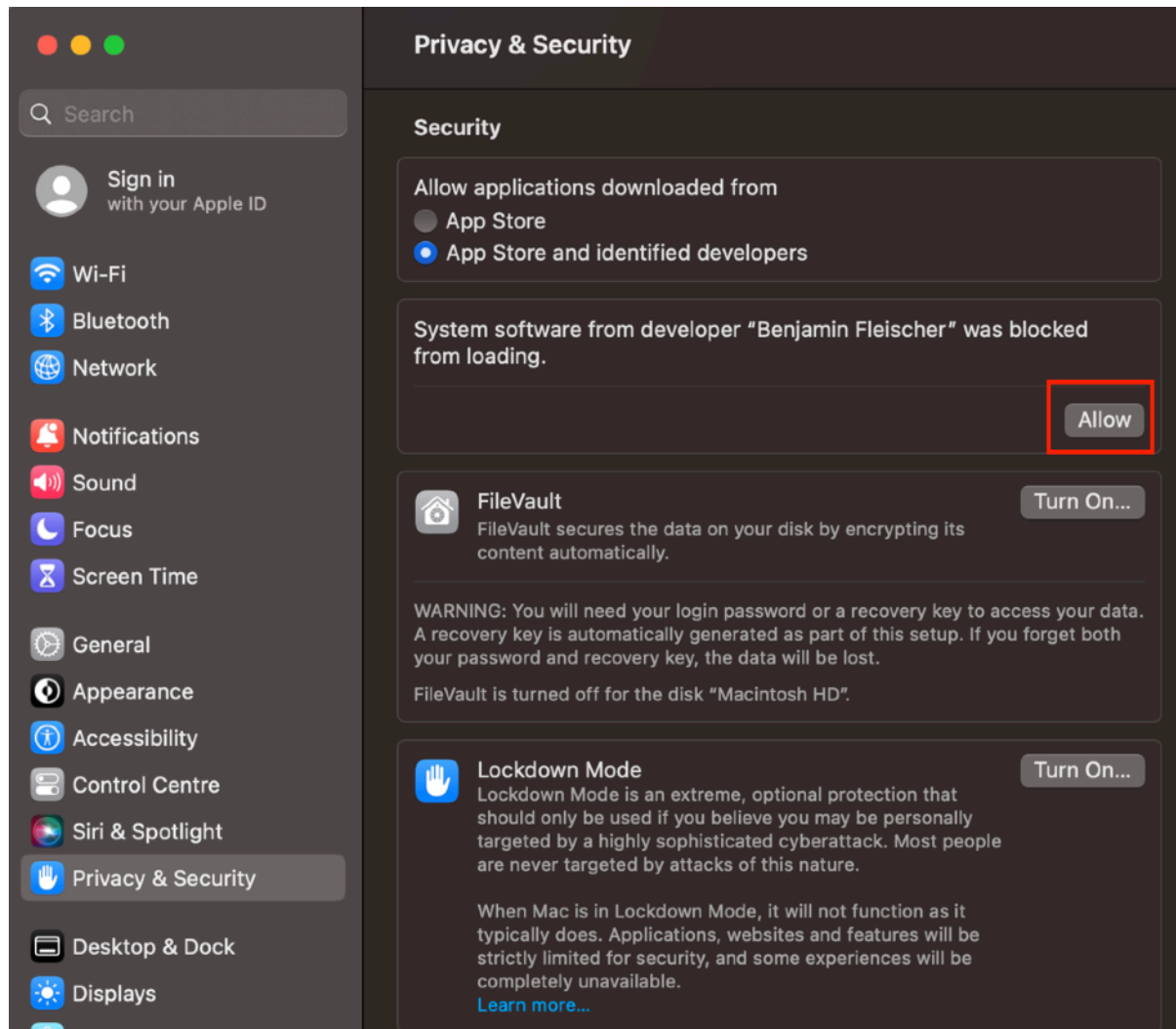


1.7 Select the Apple menu in the top-left corner of your computer > 'Restart.' You must restart your Mac for the changes to take effect. At this point, the system extensions feature on Apple Silicon Macs will be successfully enabled.

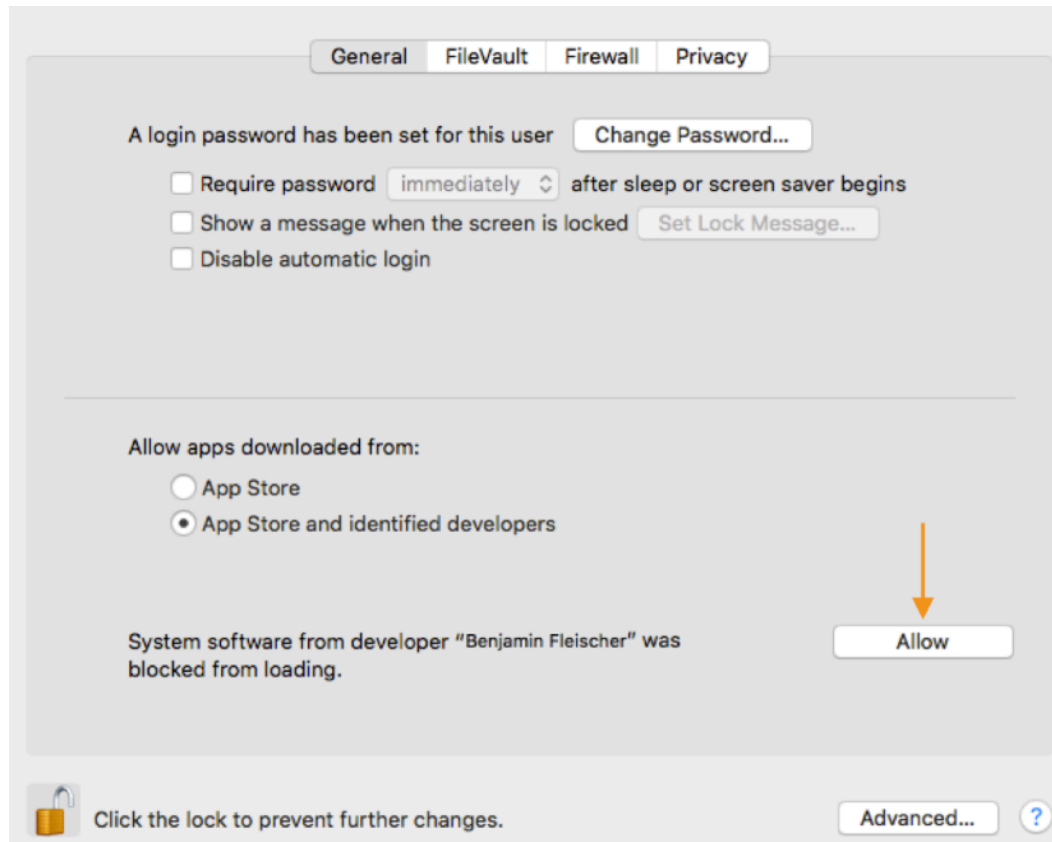
## Step two: Allow the macFUSE kernel extension to load (Apple Silicon and Intel Macs)

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

macOS13 and above

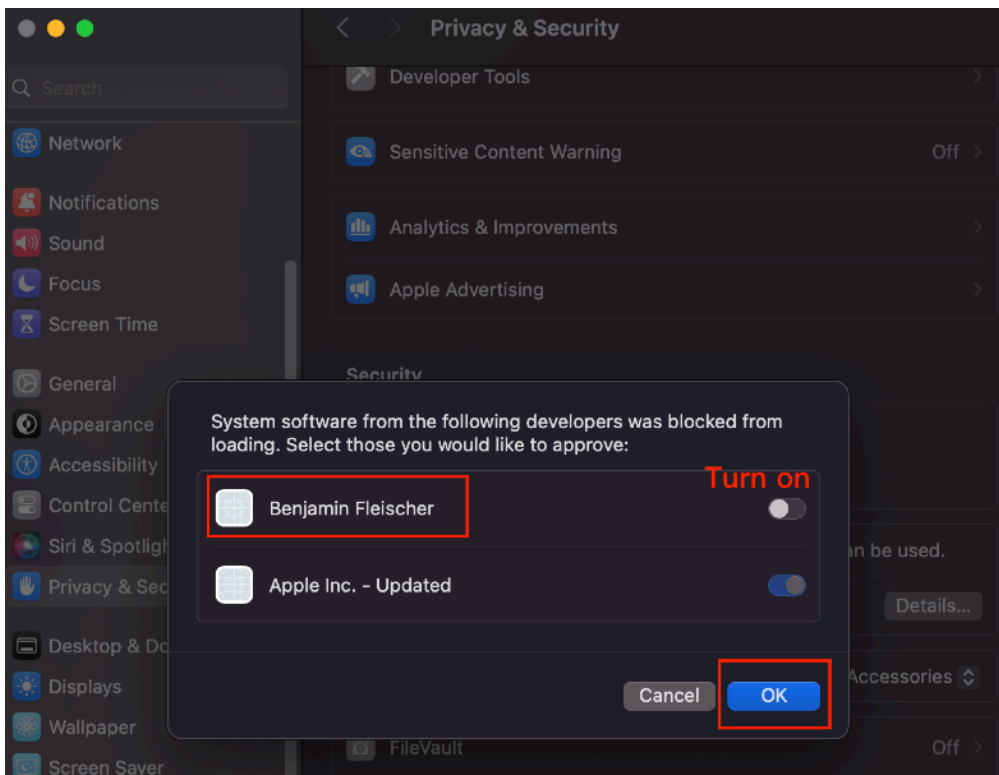
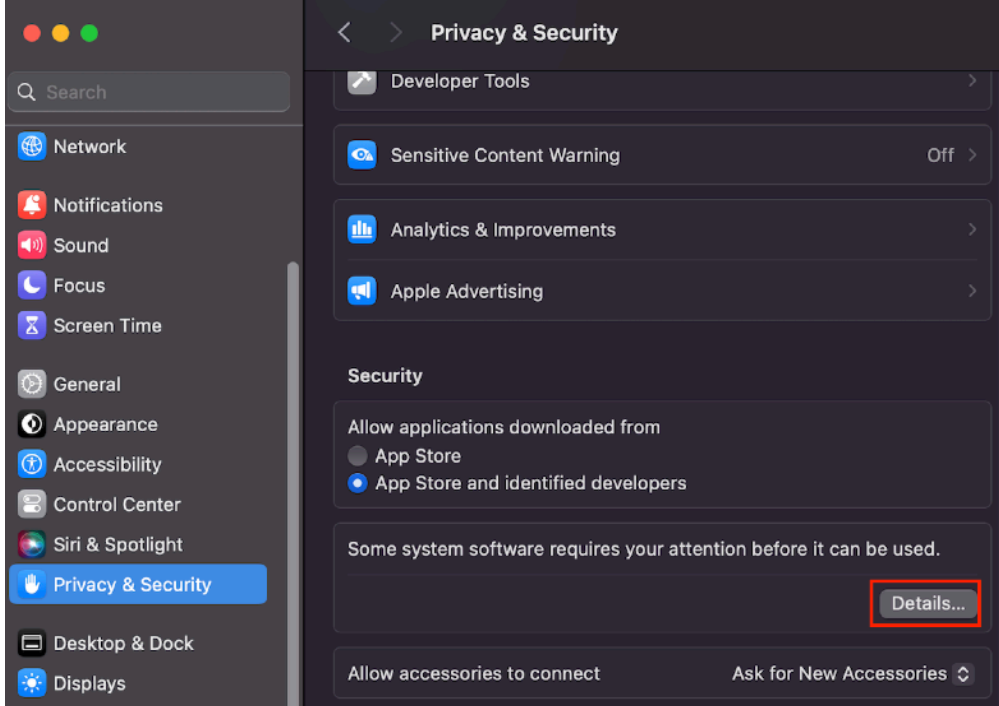


macOS12 and below



2.2 If there are multiple kernel extensions that require authorization, "**Details...**" will be displayed in Privacy and Security. Click "**Details...**" to authorize.





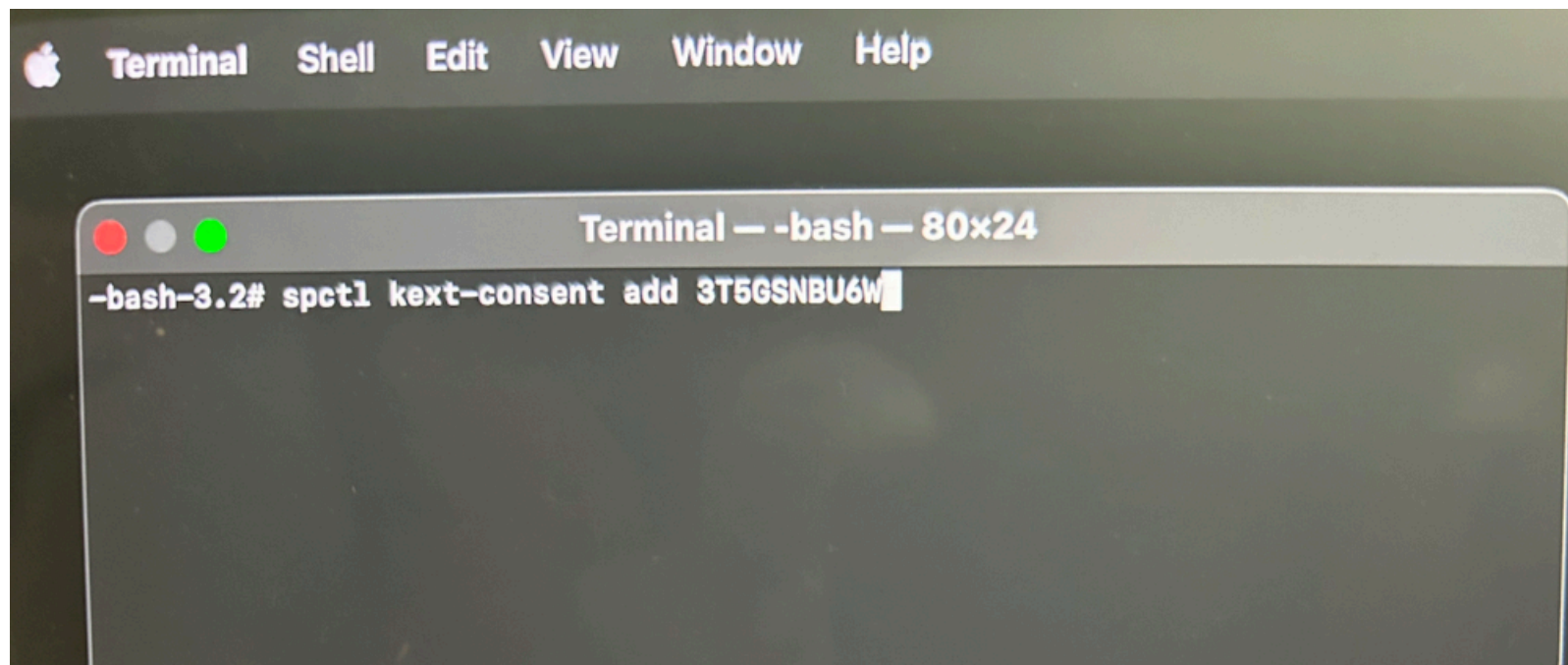
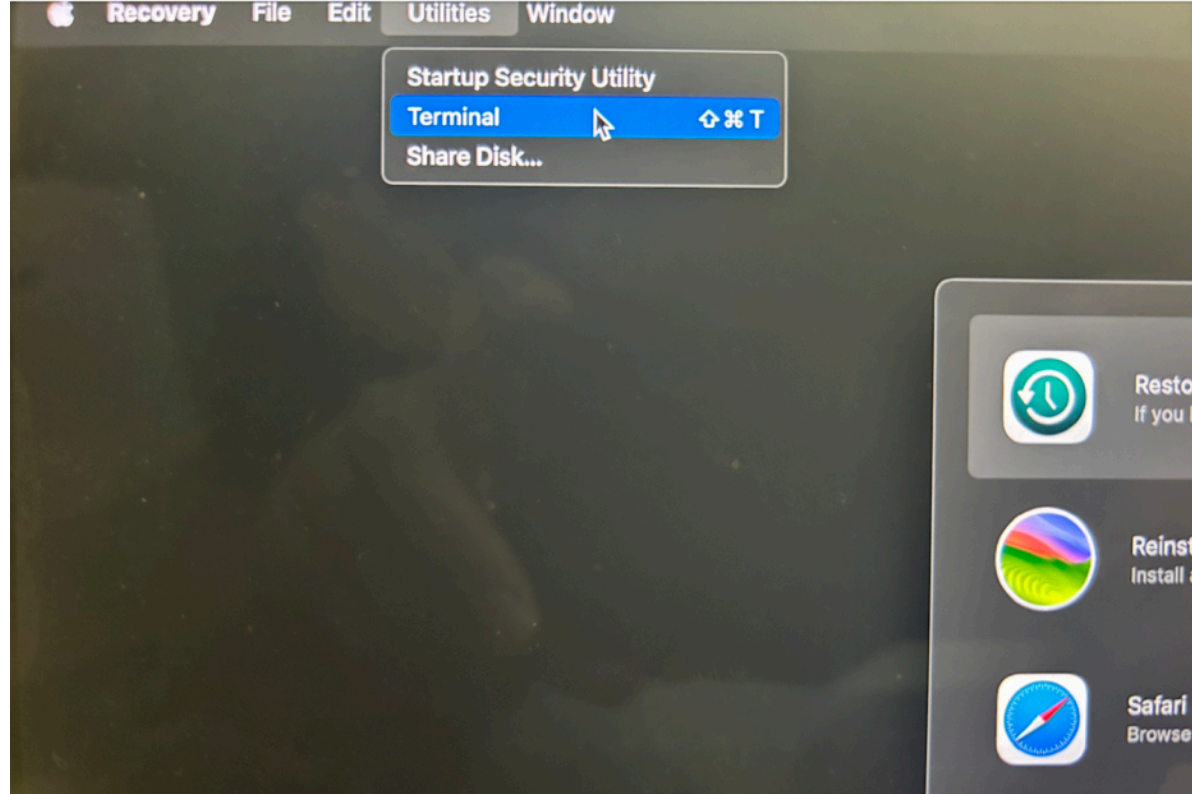
2.3 You will be asked to enter your login password. Enter the login password and then **restart the computer**. After the computer restarts, macFUSE loading authorization is completed.

2.4 If the "**Allow**" or "**Details...**" button does not appear in the privacy and security settings.

2.4.1 Directly plug in the NTFS disk to the computer, then run NTFSSync. Click on '**Open Read&write**' to attempt read/write mounting. If successful, the system has loaded macFUSE successfully.

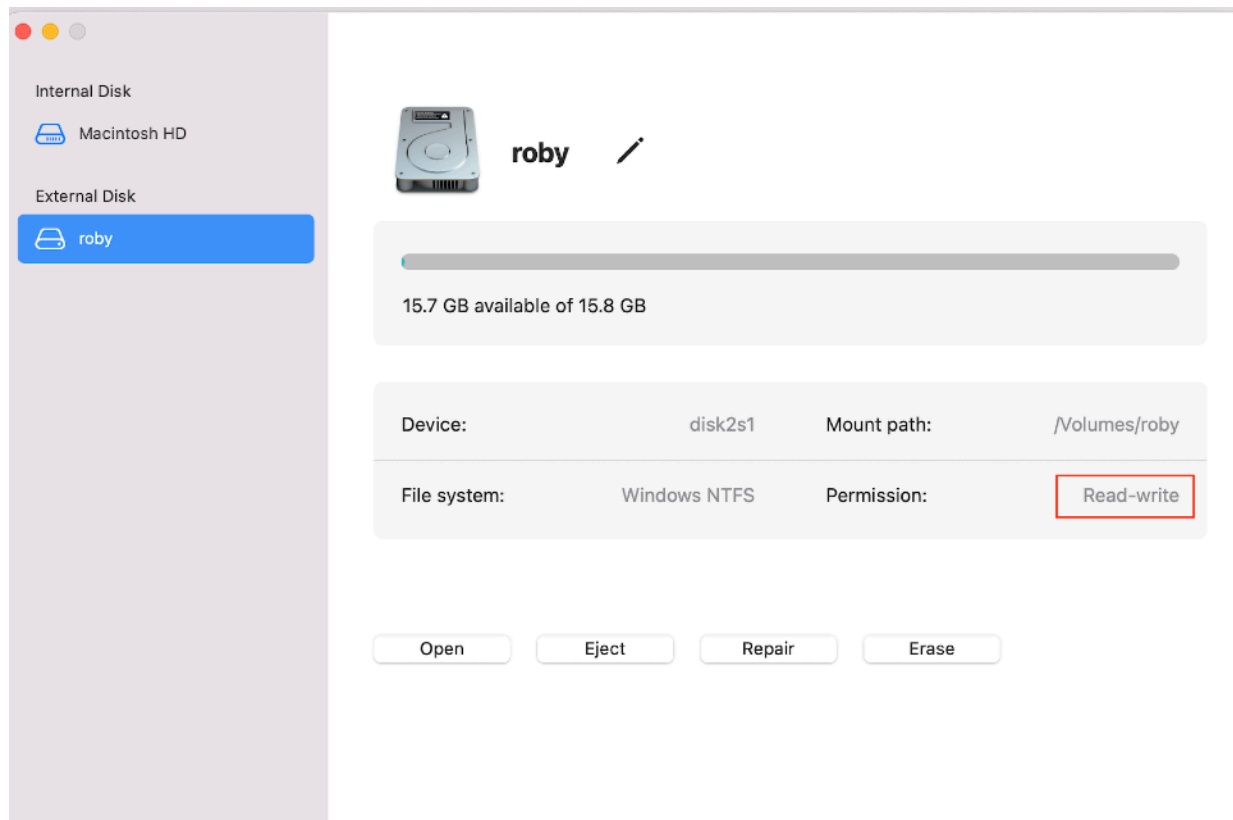
2.4.2 If the NTFS disk fails to mount in read/write mode and displays an error message popup '**the file system is not available**', you need to manually add macFUSE kernel extension authorization to the system. Follow these steps to manually add authorization:

- Restart the computer to enter [recovery mode](#) (Refer to 1.2 for M chip or click on the recovery mode link for Intel chips).
- Open Terminal from the Utilities menu.
- Enter the command: **spctl kext-consent add 3T5GSNBU6W** and press Enter.
- 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 NTFSSync 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 [ttianyyaa@icloud.com](mailto:ttianyyaa@icloud.com) and we will reply and help you solve the problem as soon as possible.