

How to Install Guest Tool on macOS 10.15 Catalina on VirtualBox

<https://techsprobe.com/install-guest-tool-on-macos-10-15-catalina-on-virtualbox/>

Almost VMware Workstation and VirtualBox are the best Virtualization for testing and installing different kinds of operating systems on it includes macOS Mojave or macOS Catalina. Apple has recently announced their latest macOS Catalina. This is the 16th edition of Apple's macOS which is the biggest update from the company. This update of macOS brought handy features on it, even it can be of the best update till the date. Firstly, Apple announced their update to the "WDDC" in 2019 after that, released the developer beta version. When they got the positive feedback from users then they released the full version.

Also, we can say that Apple has the best performance overall has the biggest changes to its features. You can complete all experience with its new bunch of features than the older OS. If you are feeling upset about not having a Mac computer, but having the interest to test overall the Advanced features. Then don't feel any worry, you can [install macOS Catalina on VMware Workstation on Windows PC](#). Or [install macOS Catalina on VirtualBox on Windows PC](#). It is quite easy to install macOS Catalina on Windows PC to feel like an actual Mac.

However, Perhaps VMware Workstation or VirtualBox is the most popular tool for running a macOS virtual machine. After installing macOS Catalina on VirtualBox on Windows you are supposed to not use the CPU support or graphic card. It can cause to face issues of running slow running of macOS Catalina on VirtualBox. Absolutely you can reject these issues by installing a small tool on VirtualBox on macOS Catalina, which called Guest Tool. And with the new major release of VirtualBox 6, it supports the Guest Tool with the feature of VMSVGA. After changing the VMSVGA on the setting of macOS Catalina. Automatically after installation of the Guest Tool, the macOS Catalina will detect the tool and increase the performance.

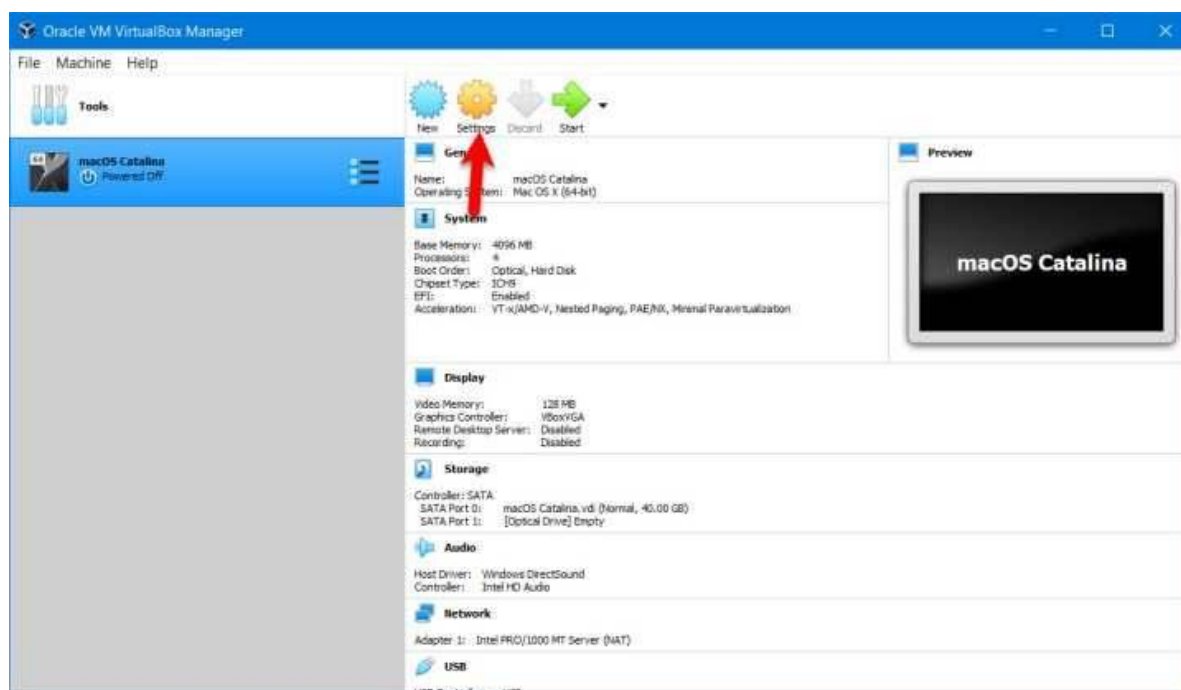
If you are unaware of what is Guest Tool of VirtualBox, the Guest tool is a helper tool utilities that can be a big supporter for macOS on VirtualBox to boost up the performance. It can increase the various features inside macOS Catalina, CPU support, GPU support, Speed performance, Mouse speed performance, graphic improvements, it also increases the quality of screen resolution. It is time to fix that issues on VirtualBox using the Guest tool, and use a smooth performance. Here is the method to do that, follow each of the steps.

- [How to Install macOS Catalina on VirtualBox on Windows PC \[New Method\]](#)
- [Install macOS Catalina on VMware on Windows PC \[New Method\]](#)

Install Guest Tool on macOS 10.15 Catalina on VirtualBox

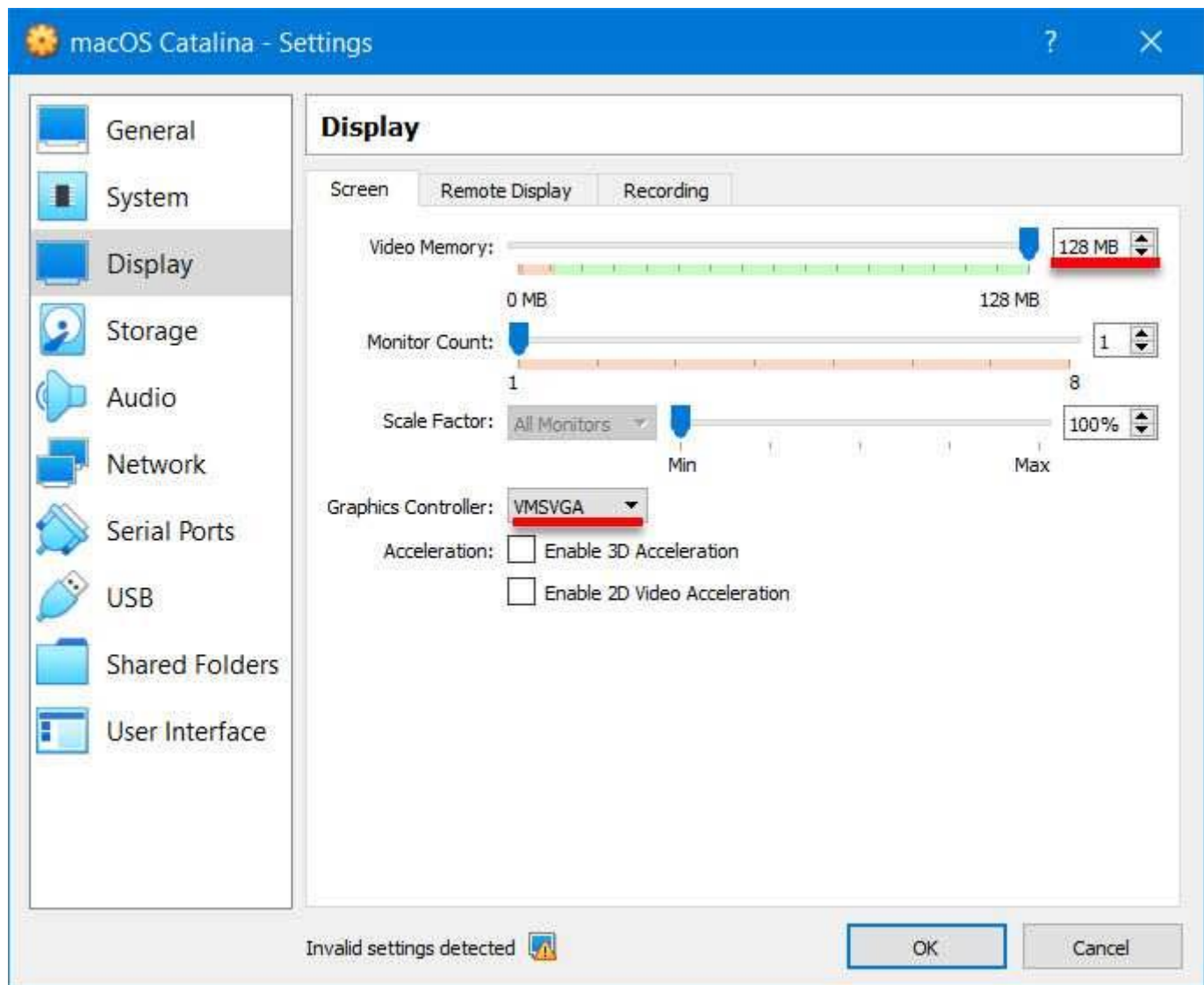
Most you might not be familiar with the Guest tool, but you may familiar with installing VMware tool on macOS Catalina. The process on how to install it on VMware and VirtualBox are the same. To do this follow each of the steps instructions.

Step 1. Open the VirtualBox then select the macOS Catalina virtual machine and click on Settings.



Click Settings

Step 2. Navigate to Display tab on the left-handed, if the Video Memory size is less then 128MB increase it. And head over the Graphics Controller, then change the VBoxSVA to VMSVGA and click OK.



Change the VBoxSVA to VMSVGA

Install Guest Tool

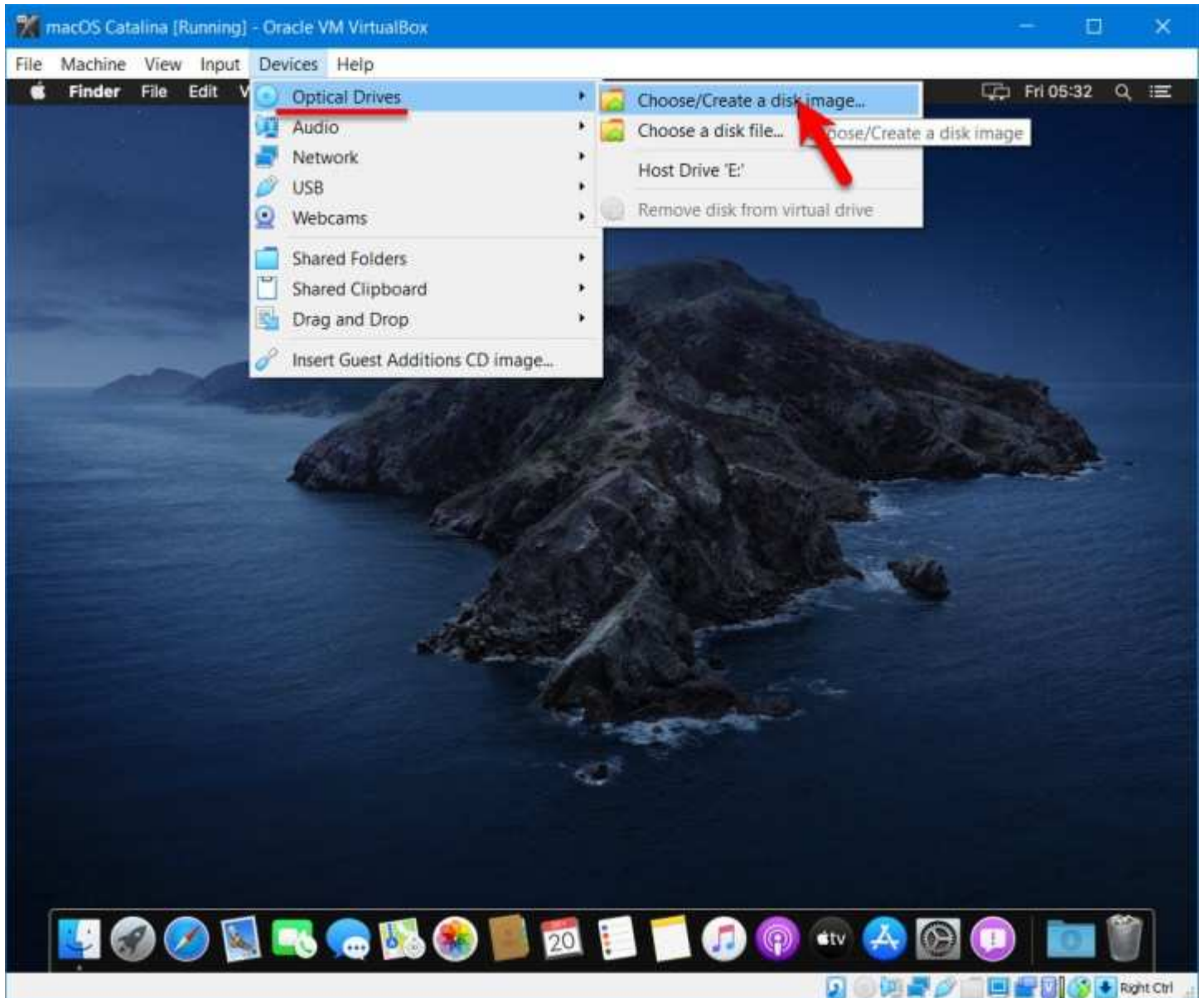
Once you changed the Graphic controller option to VMSVGA. Then it is time to switch on the virtual machine before that downloads the Guest Tool from the below link.

- [Download Guest Tool for macOS Catalina VirtualBox](#)



Power on the virtual machine

While the macOS Catalina signed in, from the menu bar click on “Devices>Optical Drivers, then click on “Choose/create a disk image”.



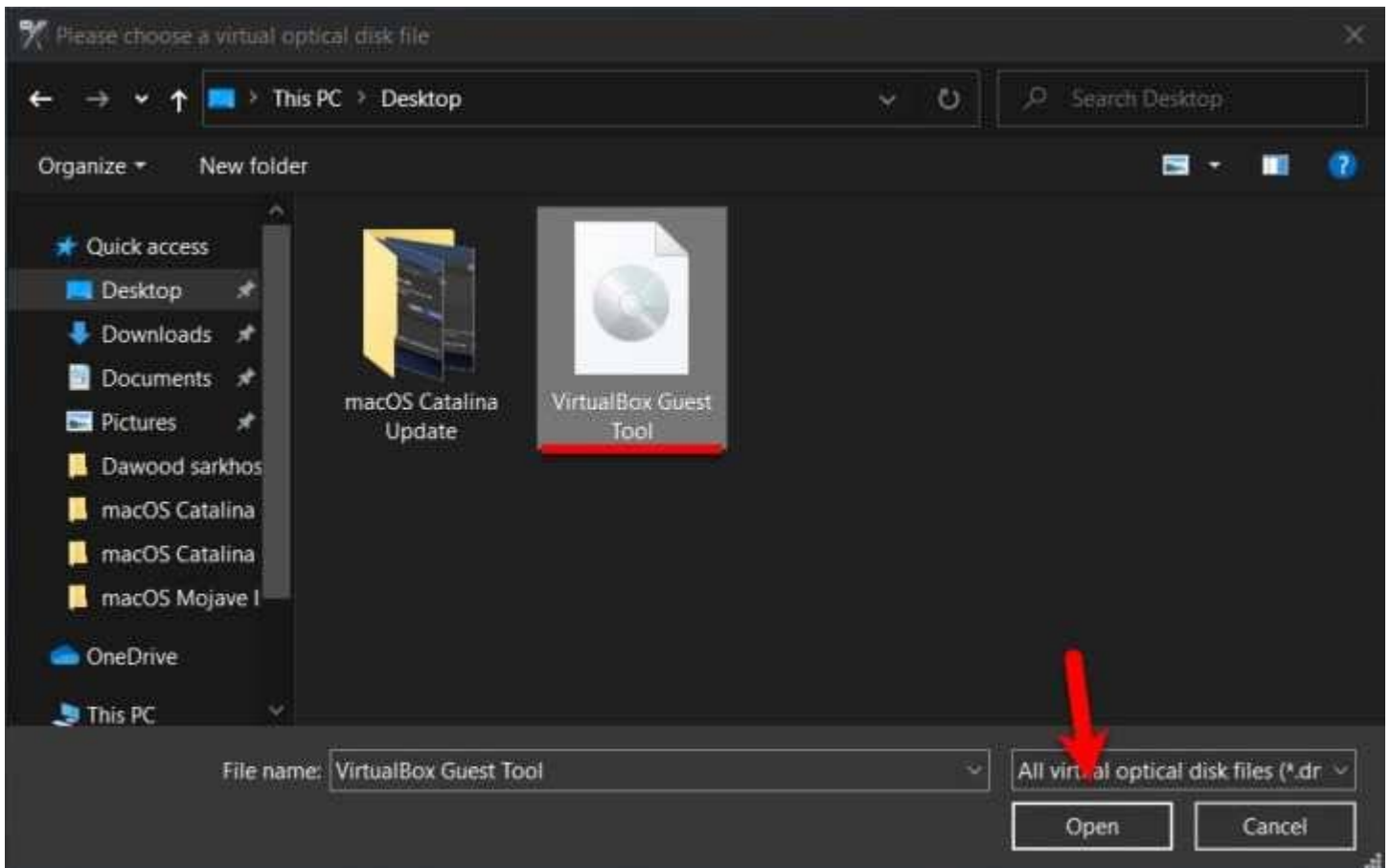
Open Guest tool

Once the “Optical disk selector” window opened click on the Add button.



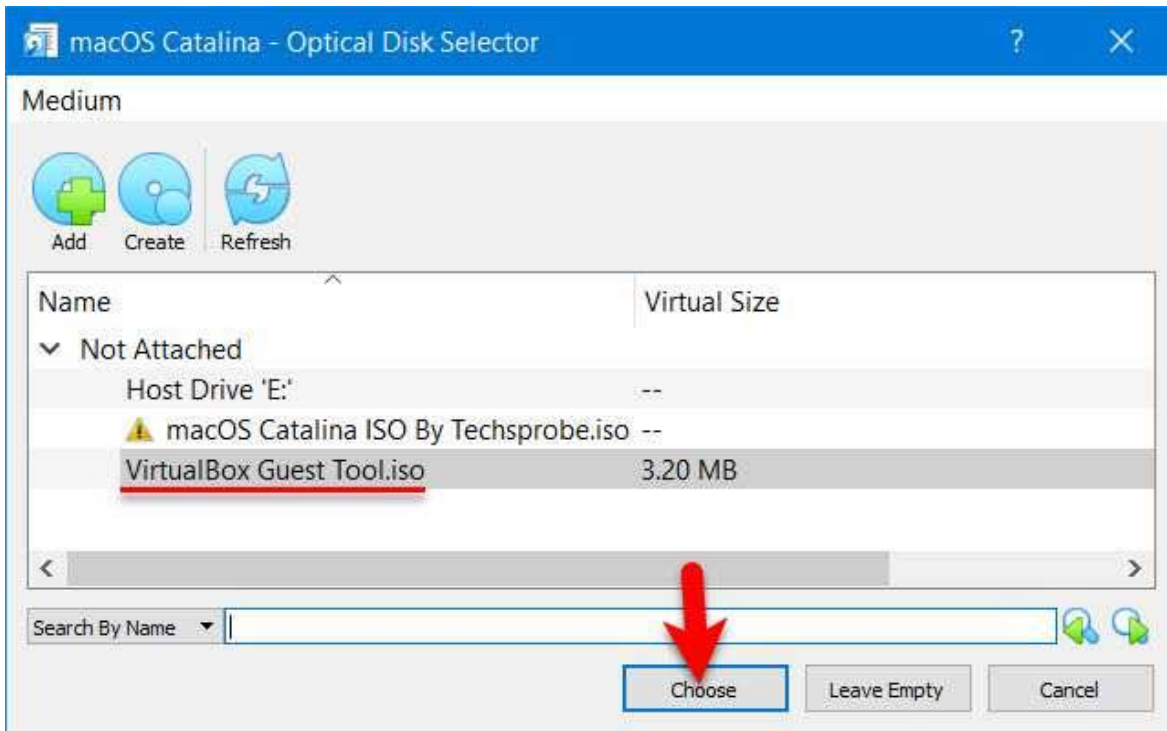
Click Add

Now select the Guest tool of macOS Catalina and click Open



Click Open

The Guest Tool is ready, click choose



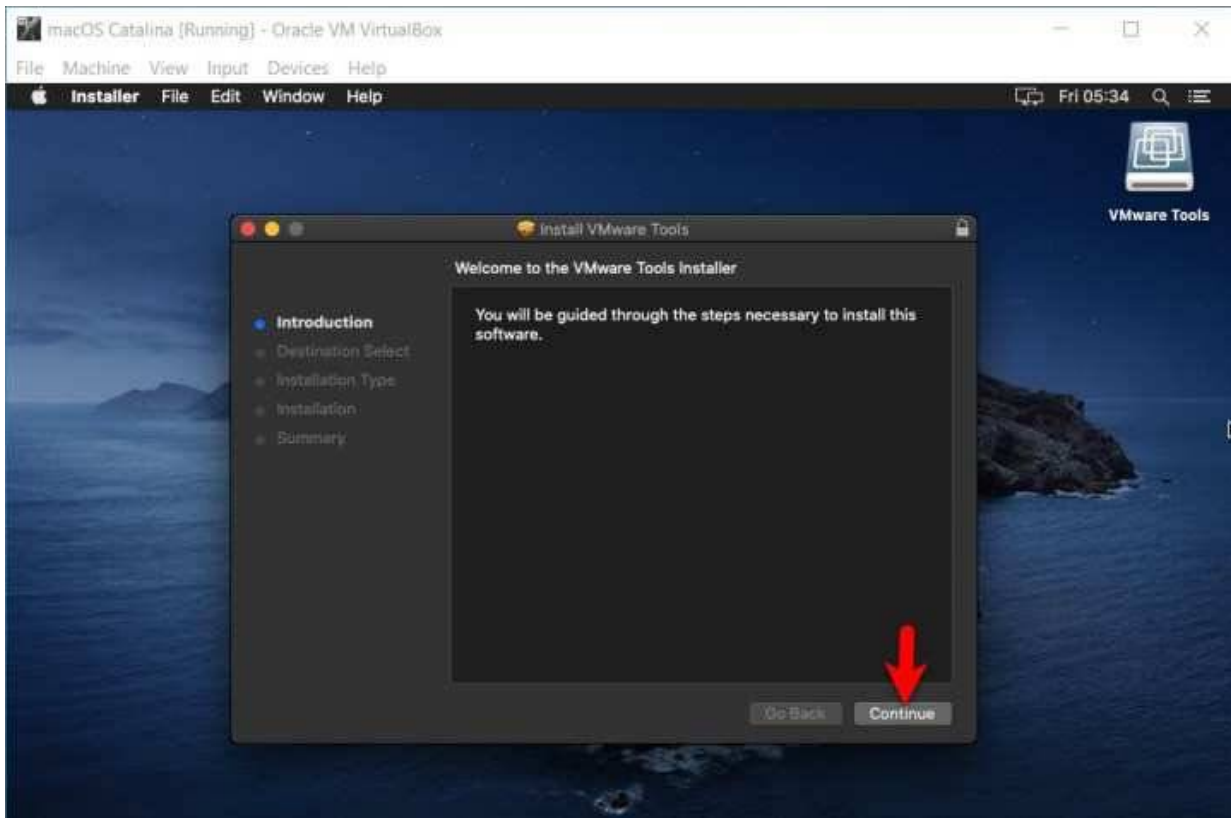
VirtualBox Guest tool

Automatically, the VMware tools window will open. To install VMware tools on macOS Catalina on VirtualBox right-click and select open.



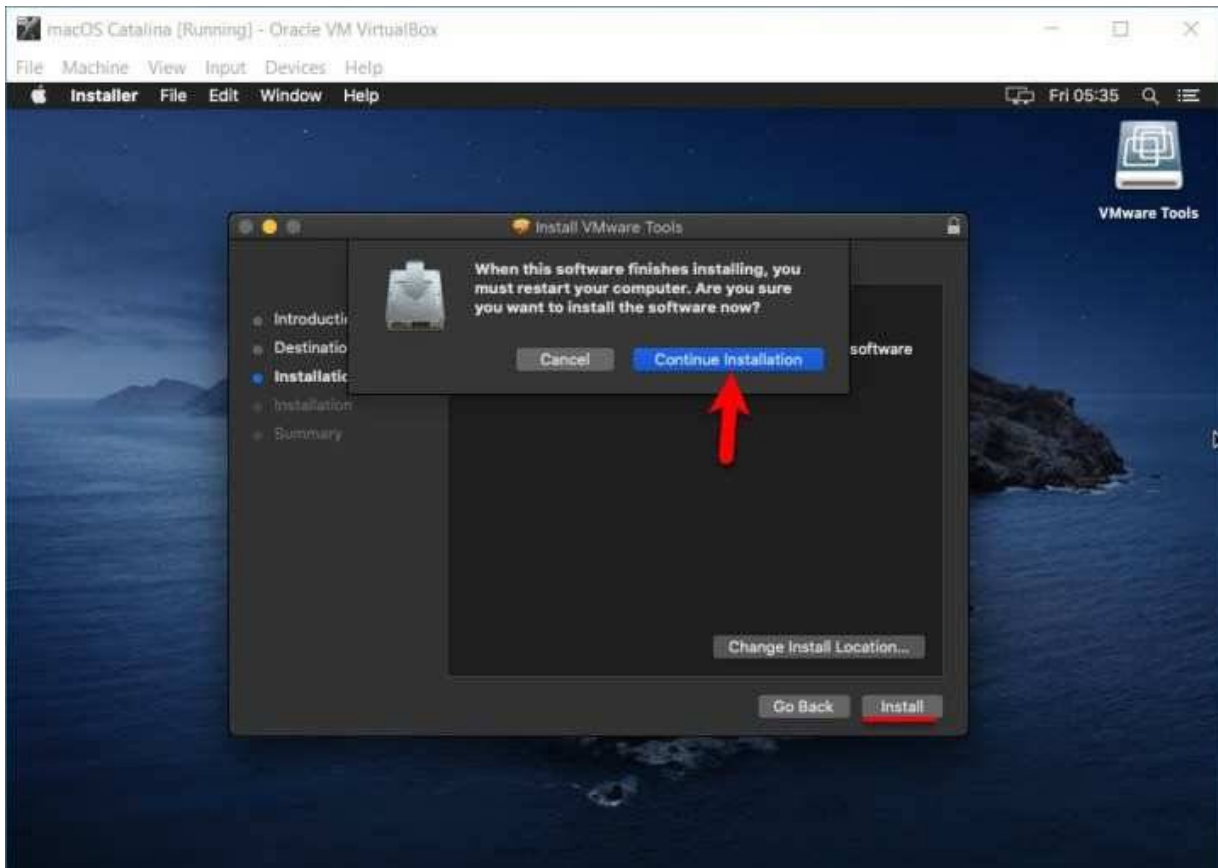
Install VMware Tools

Click Continue on the welcome wizard of VMware tools



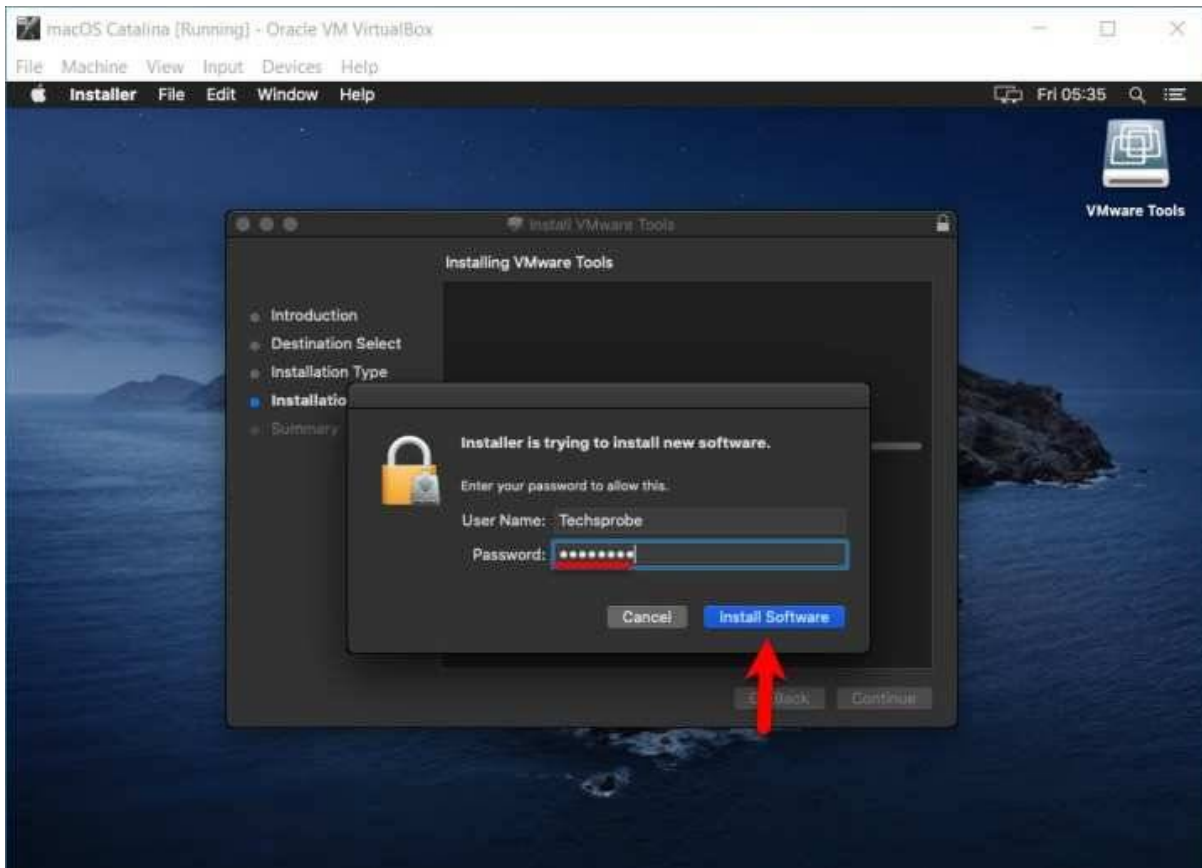
Click Continue

In this step, after clicking on the **install** button a warning window will pop-up. That is it “When this software finished installing, you must restart your computer. Are you sure you want to install the software now?”. If you want to continue then click on continue installation.



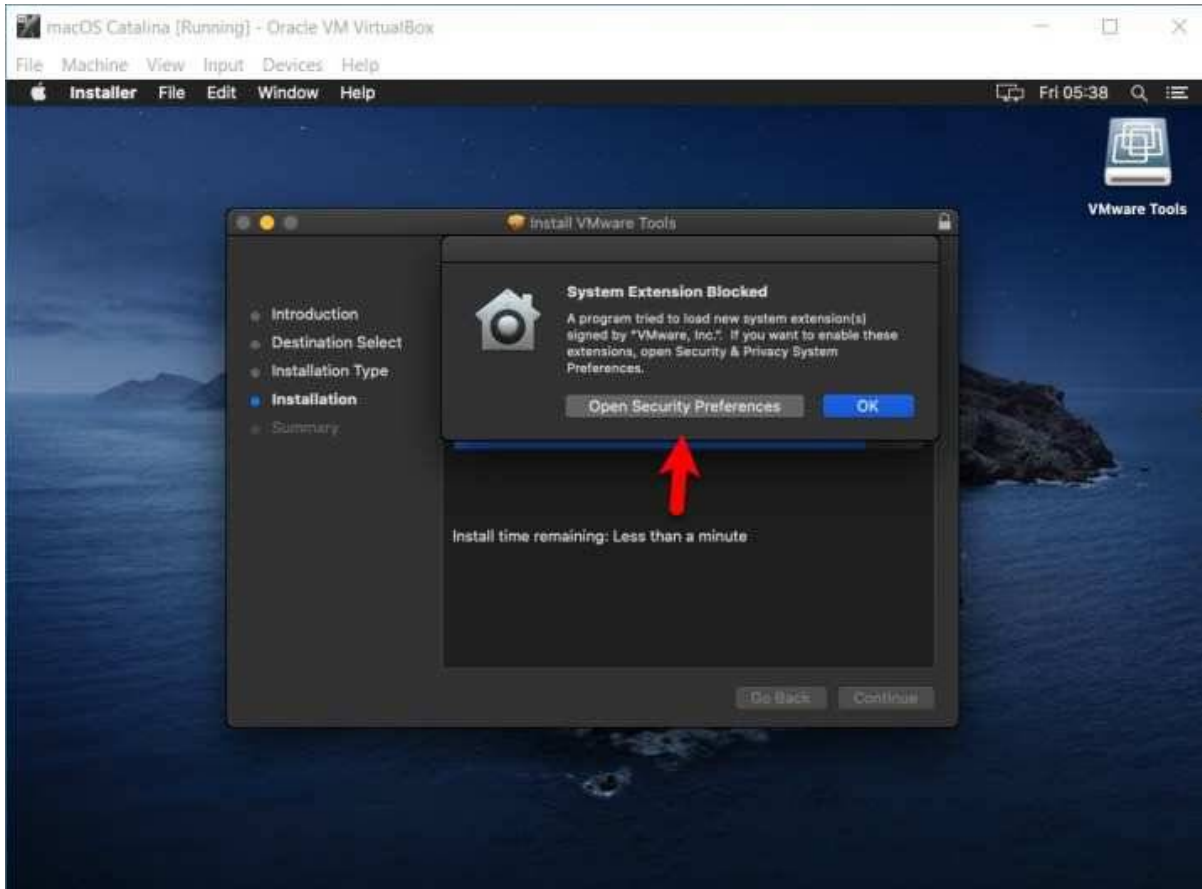
Continue installation

Here type your username password and click install software



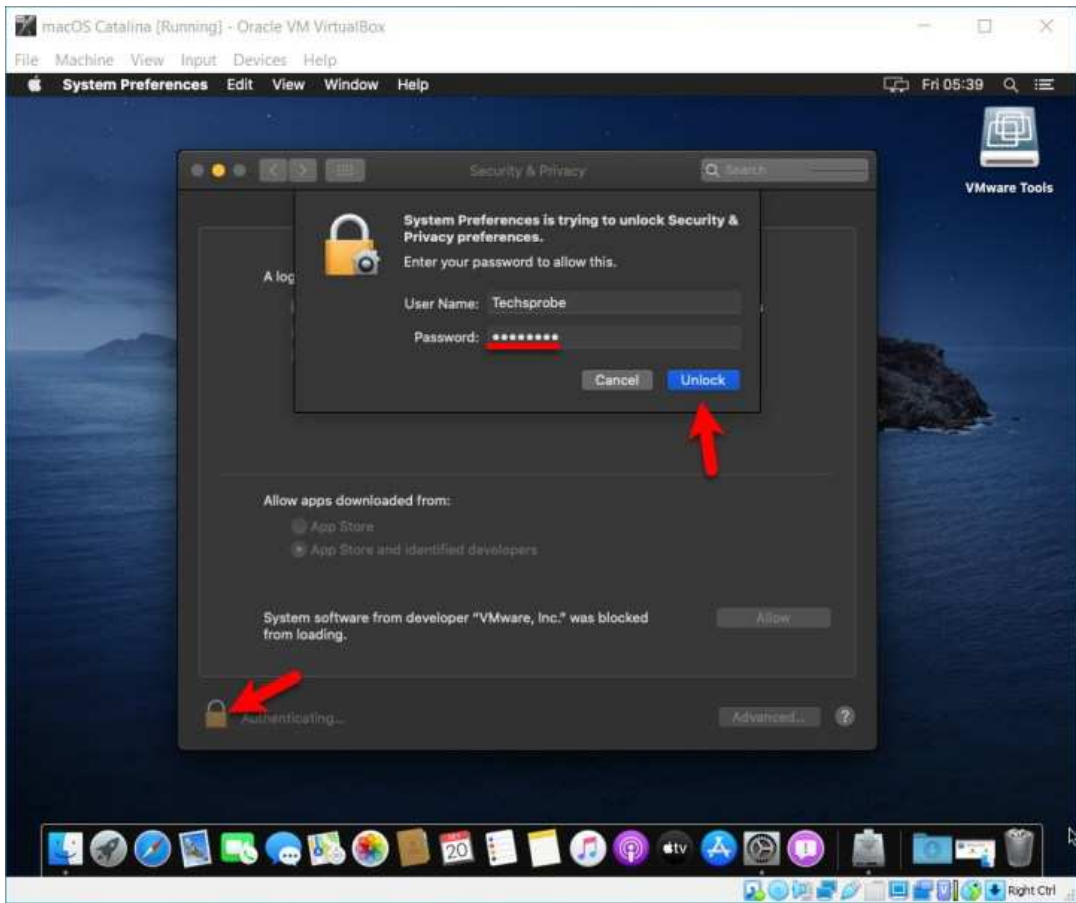
Install software

During the installation, the System Extension Blocked warning will pop-up. Click on the System Security Preferences.



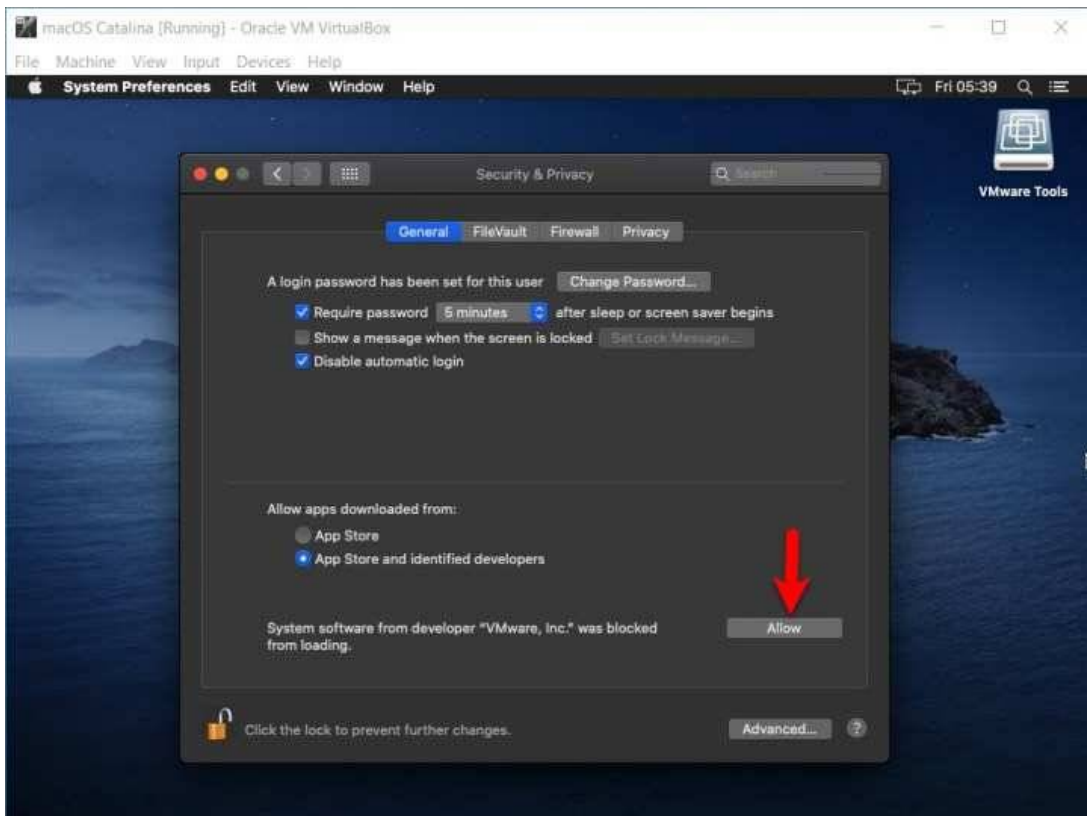
Click on System Security Preferences

While the Preferences window appeared then click on the lock icon. Enter your username password and click unlock.



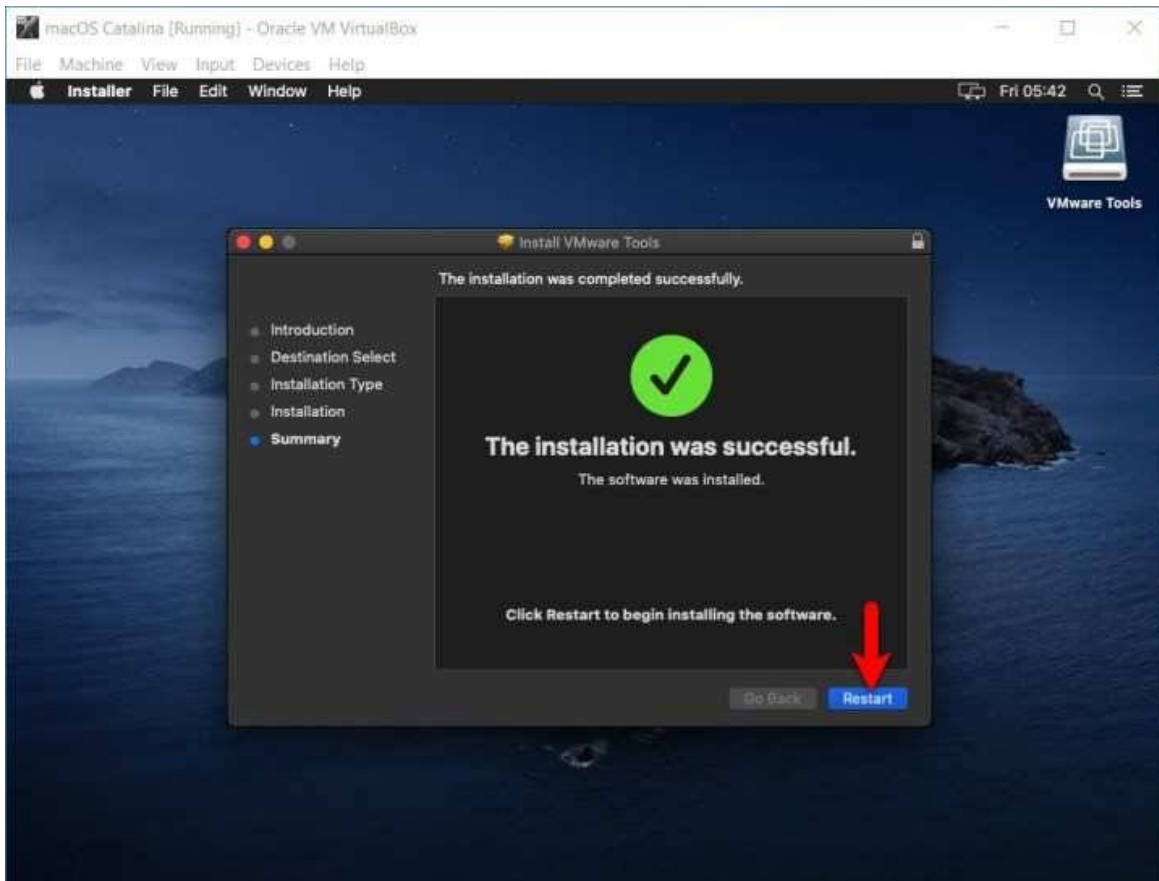
Click Unlock

After clicking on unlock you will need to Allow the Extension, by click on Allow option. And close the preferences window.



Allow

After that, the installation successfully is done click on restart.



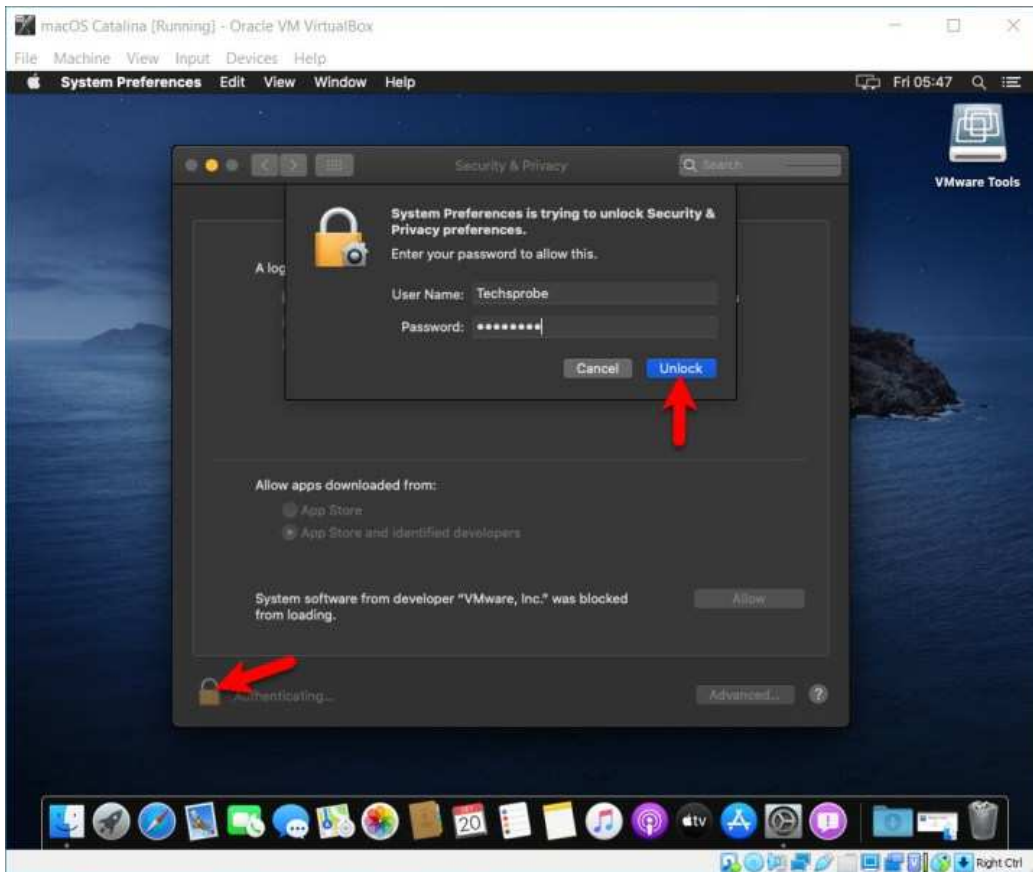
Restart

Once the Virtual machine restart, again coming back to the macOS Catalina screen. You will see again the System Extension Blocked. Once again click on System Security Preferences.



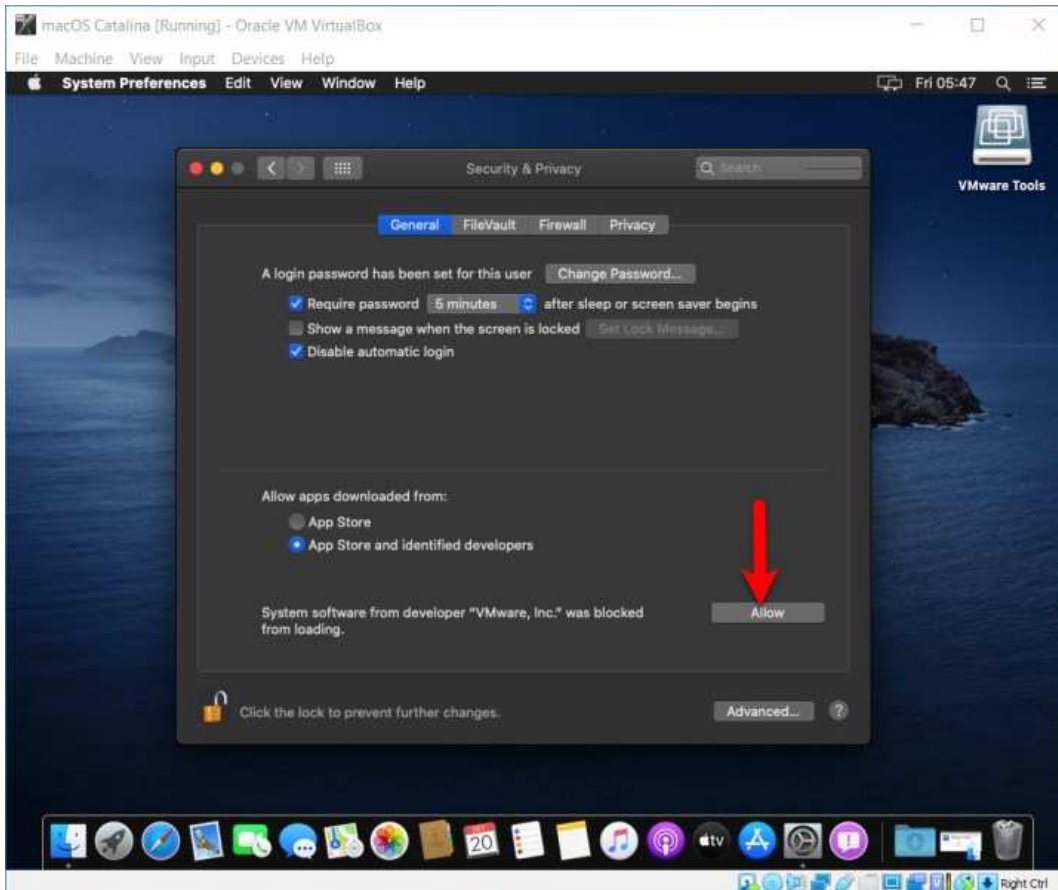
Open System Security Preferences

Click on the lock icon, then enter your username password and click unlock.



Unlock

Click Allow and close the Preferences window



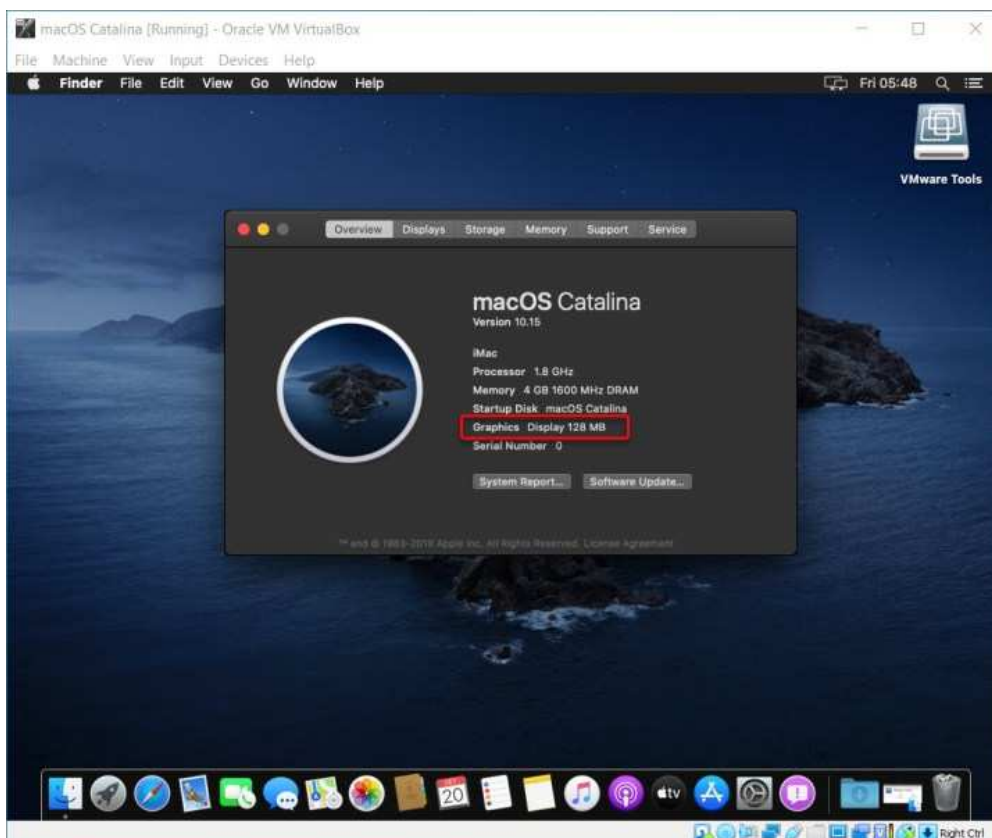
Click Allow

To check the Graphic Display navigate to the corner of the screen and click on the Apple icon. After that, click “About this Mac”.



Check Screen Display

When the window opened your macOS Catalina screen display should be 128MB. On the other hand, you need to reinstall the Guest Tool.



The screen display of macOS Catalina on VirtualBox

Final Point

That's it, the procedure of installing the Guest Tool on VirtualBox on macOS Catalina is pretty easy. I hope you successfully done and install the Guest tool. Again if there is any issue then describe or share with us in the comment section.

FIXED: How to Install Guest Tool on macOS 10.15 Catalina on VirtualBox

<https://stackoverflow.com/questions/41691803/how-to-install-guest-addition-in-mac-os-as-guest-and-windows-machine-as-host>

1. In the guest Mac, open the Terminal and go for a reboot on the Recovery partition

```
sudo nvram "recovery-boot-mode=unused"  
sudo reboot
```

2. Now you're in Recovery mode, enter the Terminal and do:

```
csrutil disable  
sctl kext-consent add VB5E2TV963  
nvram -d recovery-boot-mode  
reboot
```

3. Back in "normal" mode, open the Terminal, and do:

```
sudo mount -uw /  
sudo chown :admin /System/Library/Extensions/  
sudo chmod 775 /System/Library/Extensions/
```

4. Run the Guest Additions installer and go through the end (in principle, it goes through successfully)
5. Now in the terminal, do:

```
sudo chown :wheel /System/Library/Extensions/  
sudo chmod 755 /System/Library/Extensions/  
sudo nvram "recovery-boot-mode=unused"  
sudo reboot
```

6. Again in Recovery mode, go into the Terminal and do:

```
csrutil enable  
nvram -d recovery-boot-mode  
reboot
```

You should be set.