

## Virtual Box/Kali Install Guide

Cybersecurity UW

Download Virtual Box:

1. <https://www.virtualbox.org/>

- a. Click **Download VirtualBox 6.1**
- b. To download your VirtualBox 6.1.4 Platform Package:
  - i. If you're on a windows machine, choose **Windows Host**
  - ii. If you're on a Mac choose **OS X Hosts**
  - iii. If you're on Linux, choose **Linux distributions** and select the Linux distribution in use
- b. To download your VirtualBox 6.1.4 Oracle VM VirtualBox Extension Pack
  - i. Select **All supported platforms**

The screenshot shows the official VirtualBox download page. At the top, there's a navigation bar with links for 'About', 'Screenshots', 'Downloads', 'Documentation', 'End-user docs', 'Technical docs', 'Contribute', and 'Community'. Below the navigation is a large blue header with the 'VirtualBox' logo and the text 'Download VirtualBox'. A sub-header 'VirtualBox binaries' follows, with a note about accepting the license terms. Under 'VirtualBox 6.1.4 platform packages', there's a list of supported hosts: Windows hosts, OS X hosts, Linux distributions, and Solaris hosts. The 'Linux distributions' item is highlighted with a red box. Below this, a note states the binaries are released under the GPL version 2. Further down, there's information about SHA256 and MD5 checksums, a note about upgrading guest additions, and details about the Oracle VM VirtualBox Extension Pack, which also has its 'All supported platforms' link highlighted with a red box.

2. Download Offensive Security Kali Image

- a. <https://www.offensive-security.com/kali-linux-vm-vmware-virtualbox-image-download/#1572305786534-030ce714-cc3b>
- b. Select **Kali Linux VirtualBox Image**. Make sure it is VirtualBox NOT VMware or Hyper-V!
- c. Most of you will be using the 64-bit version, please call one of us over if you are not sure!

The screenshot shows the offensive-security.com website. At the top, there's a navigation bar with links like 'COURSES AND CERTIFICATIONS', 'LABS', 'PENTEST SERVICES', 'TRAINING FOR ORGS', 'WHY OFFSEC?', and 'KALI AND INFOSEC TOOLS'. Below the navigation bar, there's a section titled '+ KALI LINUX VMWARE IMAGES' and another titled '+ KALI LINUX VIRTUALBOX IMAGES'. Under '+ KALI LINUX VIRTUALBOX IMAGES', there are two rows of download links:

Image Name	Torrent	Version	Size	SHA256Sum
Kali Linux VirtualBox 32-Bit	Torrent	2020.1	2.8G	102008667cf883a602da0f07869e321bd42c06275cc511645315a8c1d6ca5e0
<b>Kali Linux VirtualBox 64-Bit</b>	Torrent	2020.1	3.1G	1ff1f480c10305c8bb72516fa7060303311e18a29009a57689780a45a7c22880a

Below these rows, there's a link '+ KALI LINUX HYPER-V IMAGE'.

d.

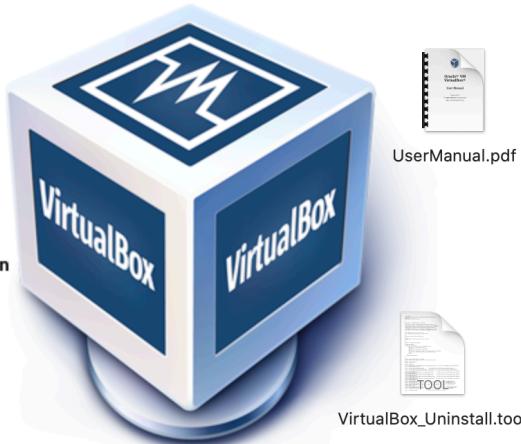
## Install Virtual Box on Mac OS

- Run the installed Virtual box dmg

**1** Double click on this icon:



VirtualBox.pkg



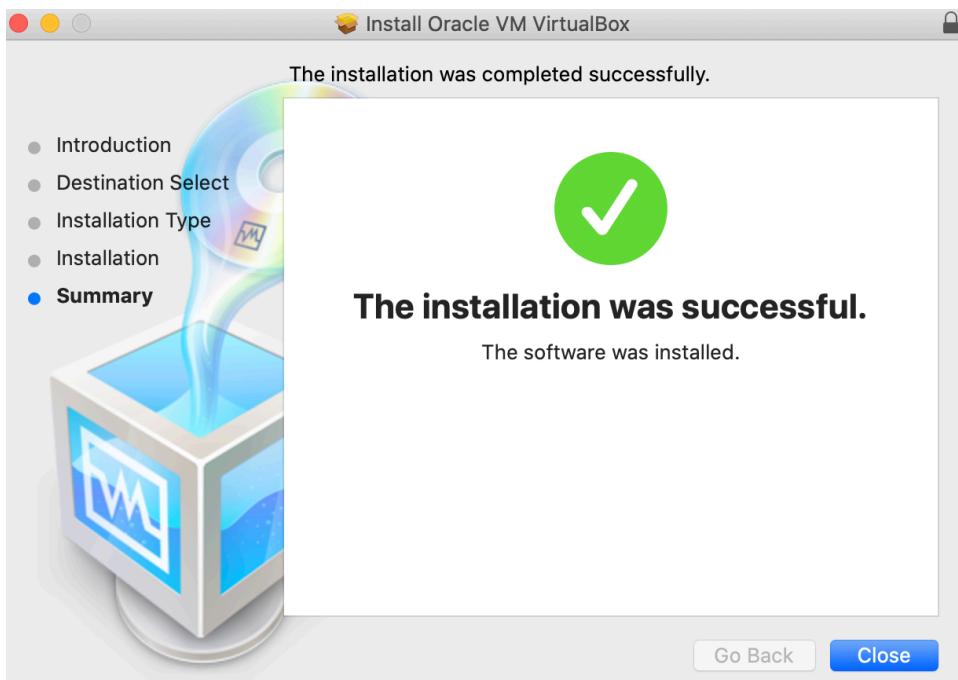
**2** Run the VirtualBox application from the Applications Folder:



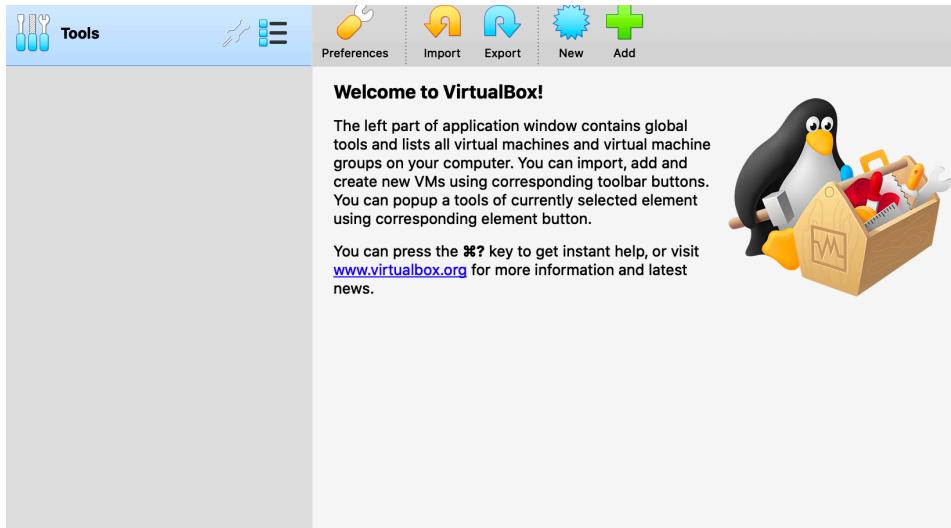
Applications

- Run VirtualBox.pkg

- Click install/allow. Should look like the screenshot below after installed
  - If you have difficulties here with settings/preferences call one of us over!



3. Open the System preferences and select Security & Privacy. Then click the lock in the bottom left corner and unlock. Then Click **Allow** to run Virtual Box.

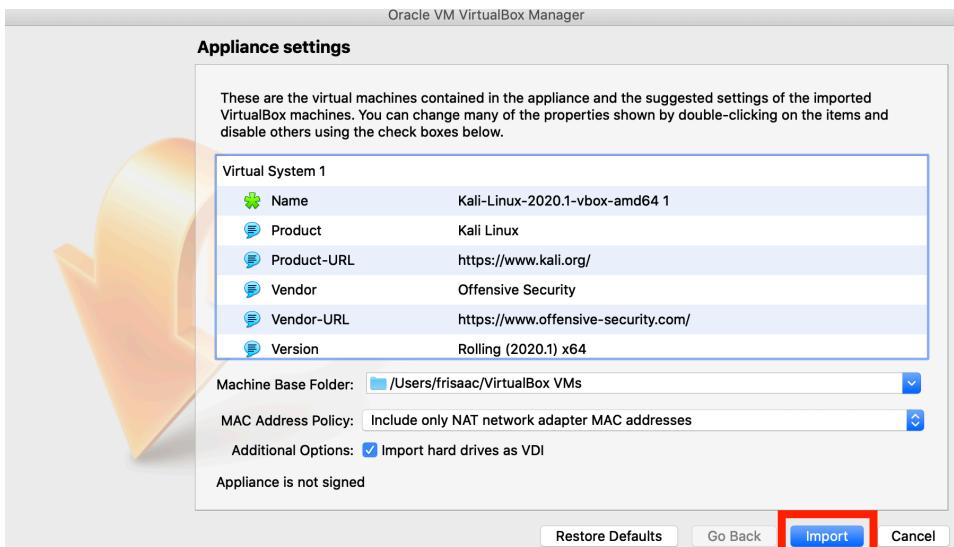


#### Install Virtual Box extension pack

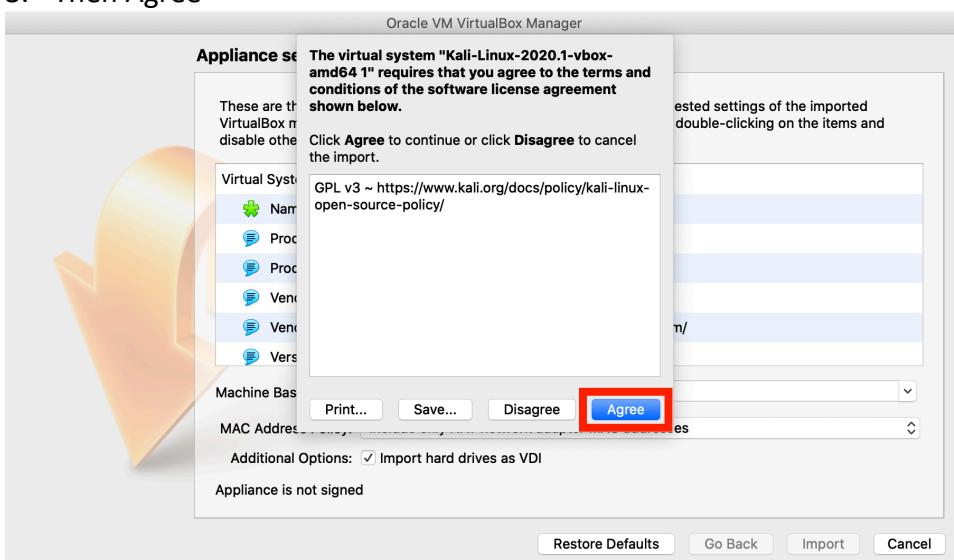
1. Double click the file called Oracle\_VM\_VirtualBox\_Extension\_Pack-x.x.x.vbox-extpack
2. Agree and install

#### Import Kali Linux vbox image

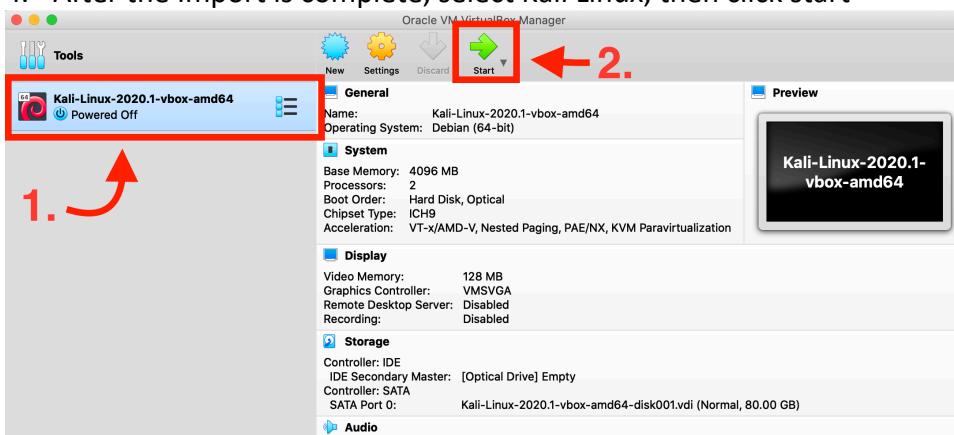
1. Launch the kali-linux-XXXX.X-vbox-amd64.ova
2. Click Import



### 3. Then Agree



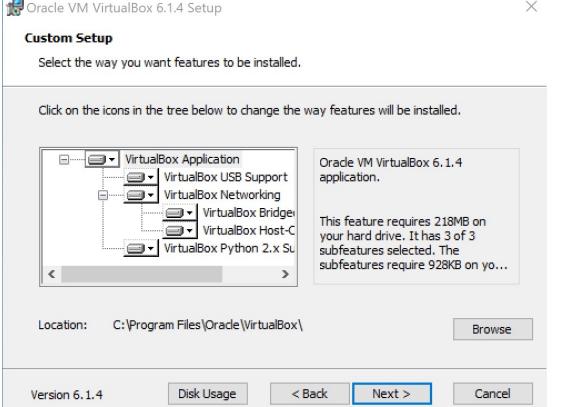
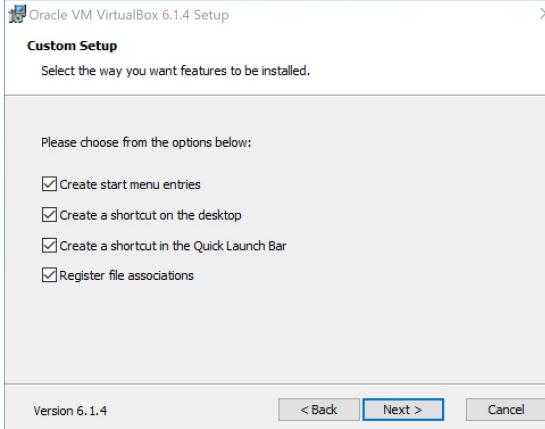
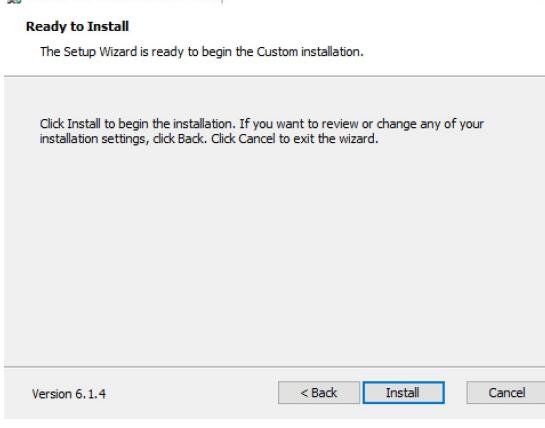
### 4. After the Import is complete, select Kali Linux, then click start



Kali Linux is now installed and running on Mac OS!

## Install Virtual Box on Windows

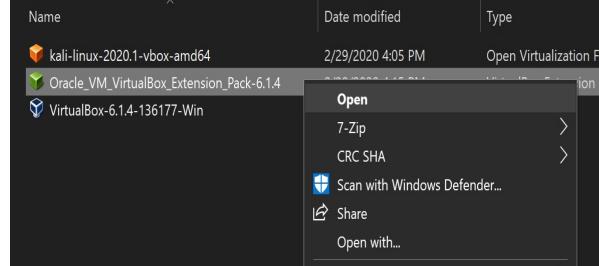
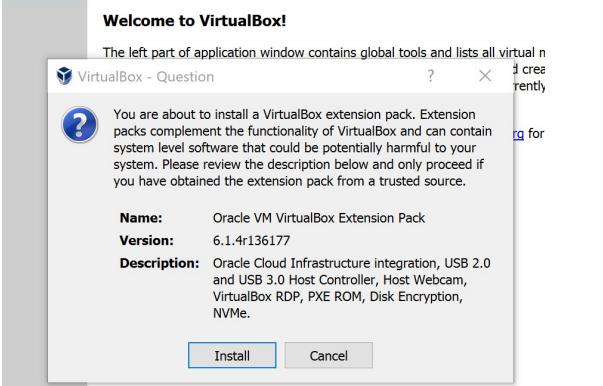
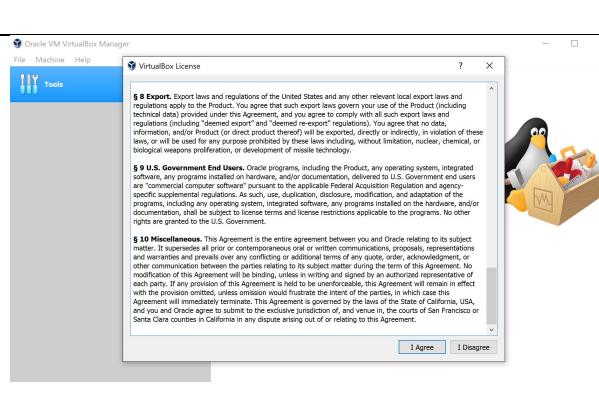
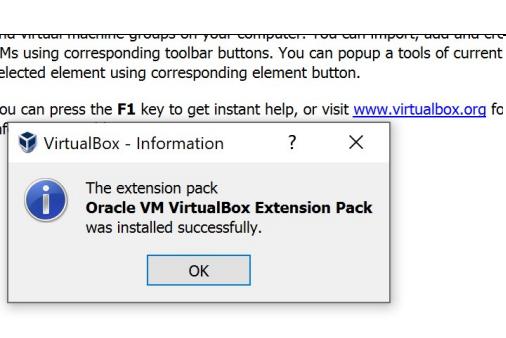
### 1. Run the installed Virtual box executable

	
<b>Click Next</b>	<b>Click Next</b>
	
<b>Click Next</b>	<b>Make sure you are not downloading anything and click Yes</b>
	

Click Install and Allow installer to run

Uncheck Start VirtualBox and Click Finish

## 2. Install Virtual Box extension pack

	
Open VBox_Extension_Pack.vbox-extpack	Click install
	

Scroll down to the bottom and click I Agree

Click Ok

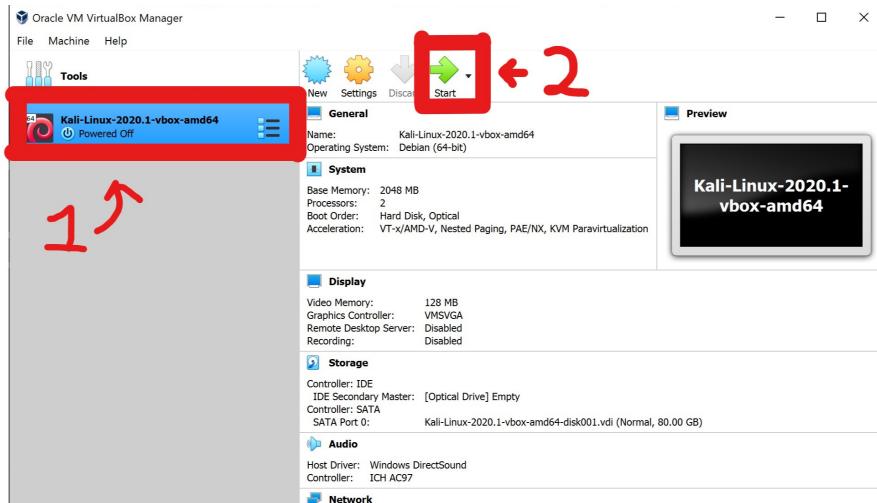
## 3. Import Kali Linux

	
Select the Import Button	Click the Folder Icon with the Green Arrow

<p><b>Find Kali Linux vbox file from downloads and click open and then Next in the bottom right</b></p>	<p><b>Now Click Import on the bottom right again</b></p>
<p><b>Click Agree</b></p>	<p><b>Wait for the Import to complete</b></p>

#### 4. Launch Kali Linux

- First Select Kali Linux in the left side bar (1)
- Then Click the green arrow to start (2)



Kali Linux ins now running on Windows!