

Cyber Security: Security, Linux & Hacking Games

Installation Guide

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Overview

This guide will take you through any software that you need to install and download before taking part in our Cyber Security course, **Security, Linux & Hacking Games**.

The software for this class are as follows:

1. Install VirtualBox
2. Download Kali Linux for VirtualBox (do not install)
3. Download Metasploitable (do not install)

If you have any questions or concerns, please [contact us](#) via our website.

Installing VirtualBox

Go to the [VirtualBox downloads page](#). Use the links at the top of the page to download the most recent platform package.

- If you are on Windows, click on **Windows hosts** (will download a .exe file)
- If you are on a Mac, click on **OS X hosts** (will download a .dmg file)



The screenshot shows the VirtualBox website's download page. At the top, it says "VirtualBox Download VirtualBox". Below this, it states "Here you will find links to VirtualBox binaries and its source code." There are sections for "VirtualBox binaries" and "VirtualBox 6.1.0 platform packages". Under the platform packages section, there are links for "Windows hosts", "OS X hosts", "Linux distributions", and "Solaris hosts".

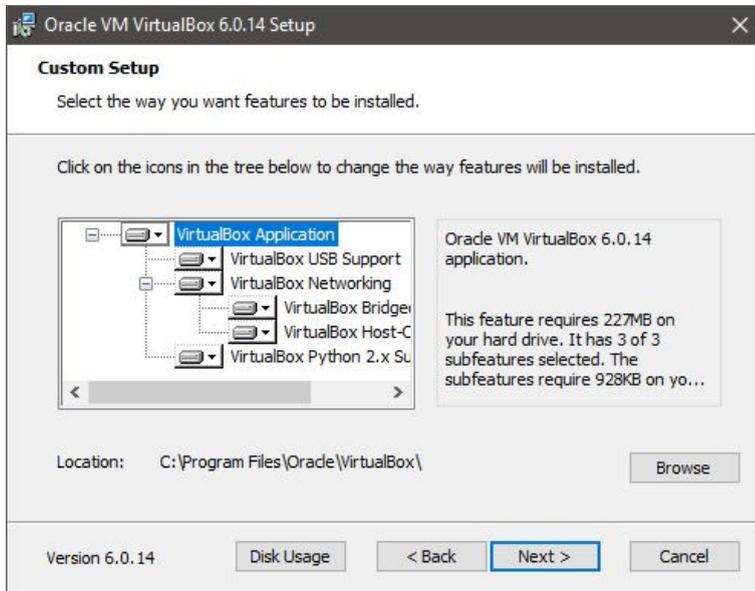
Once the file has downloaded, open it. The installations from this part forward differ slightly depending on whether you have a Windows or a Mac.

For Windows

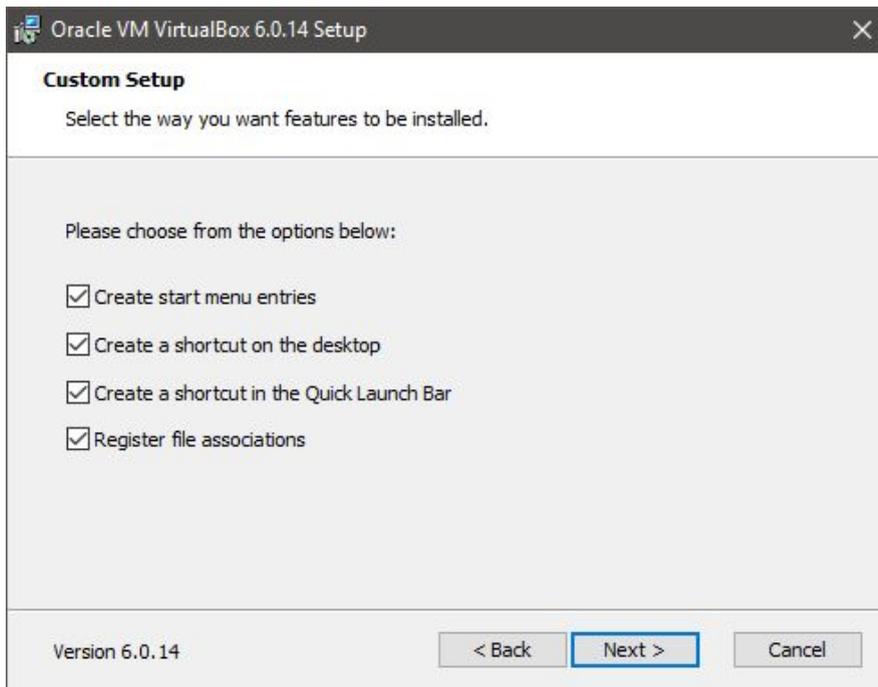
1. After you open your .exe file, click *Next* on the pop-up that appears.



2. On this next screen, click *Next* again. This shows what features of VirtualBox will be installed and where - we want everything to remain as the default.



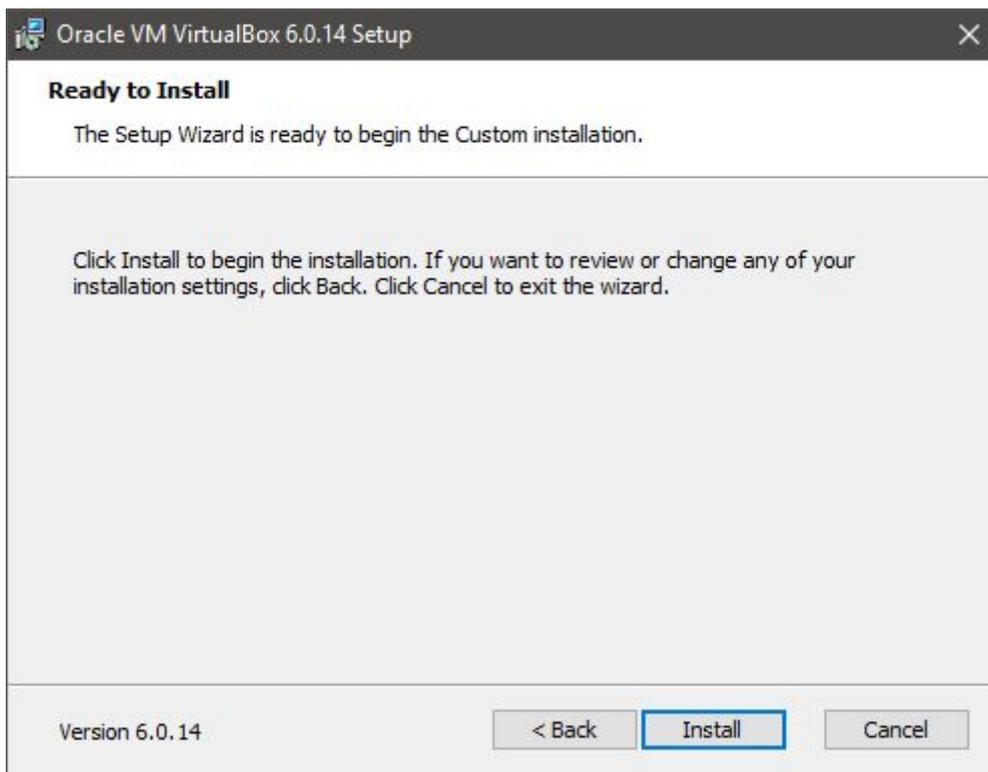
3. On the next screen, click *Next* - this allows you to customise easy access to VirtualBox. Leave everything as default.



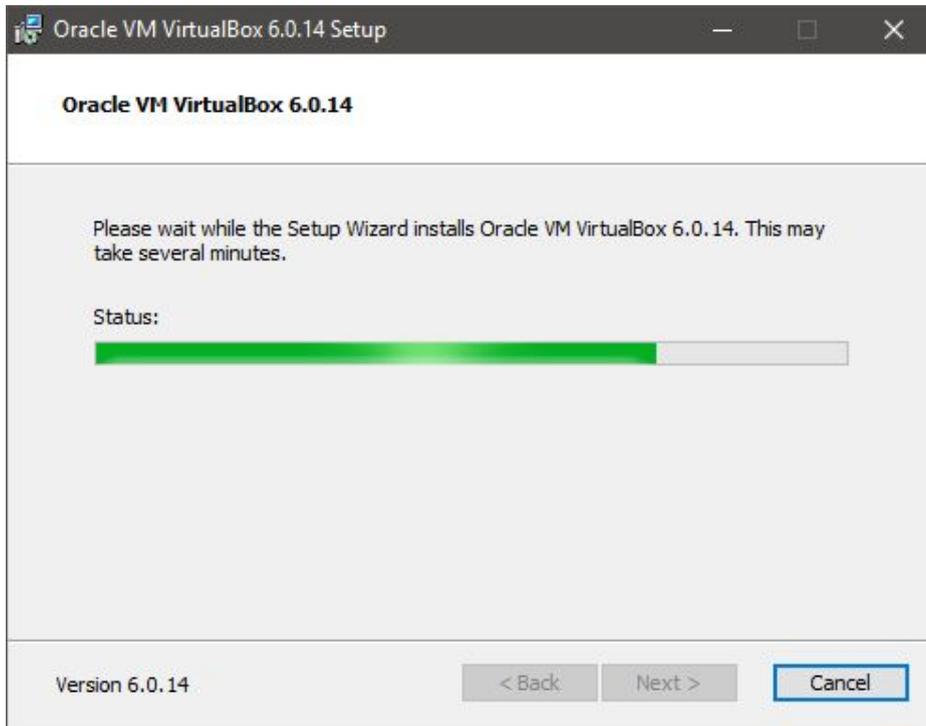
4. This next screen is just a warning that during the installation process, your computer will be temporarily disconnected from the internet. Make sure there are no downloads happening, then click *Yes*.



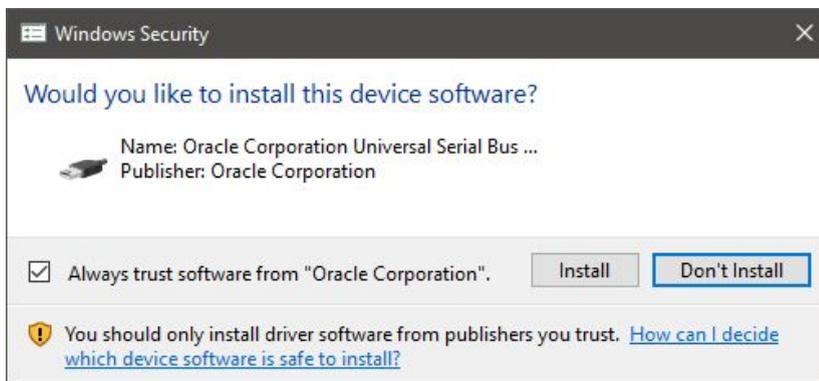
5. Click *Install*.



6. Your installation will begin!



7. You may get a pop-up box like this - click *Install* (if you don't install this device software, VirtualBox will not get installed).

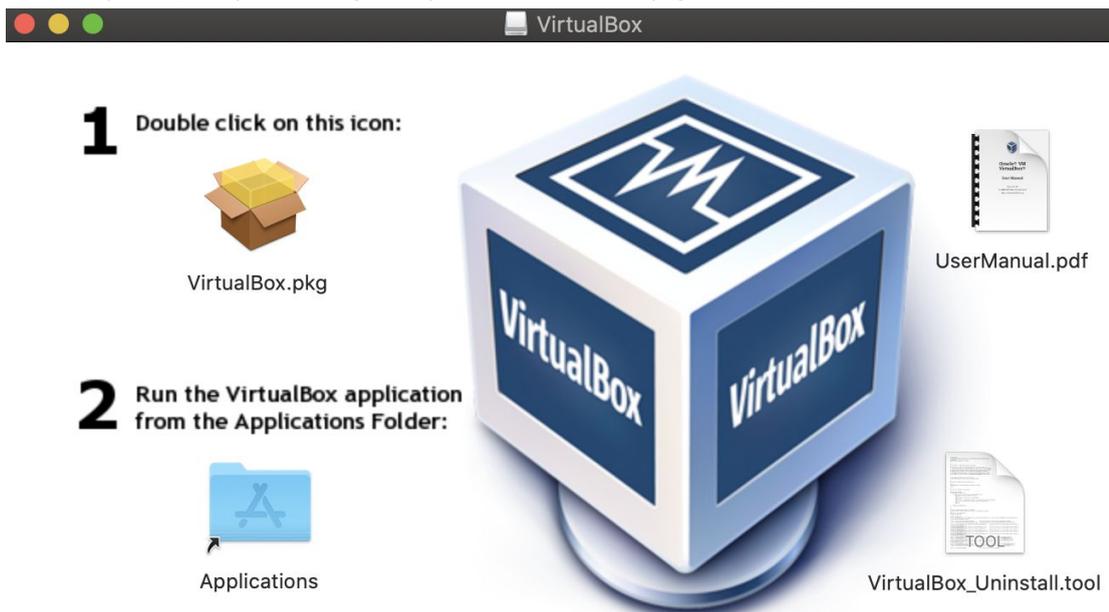


8. If everything installed correctly, you'll end up with this window:

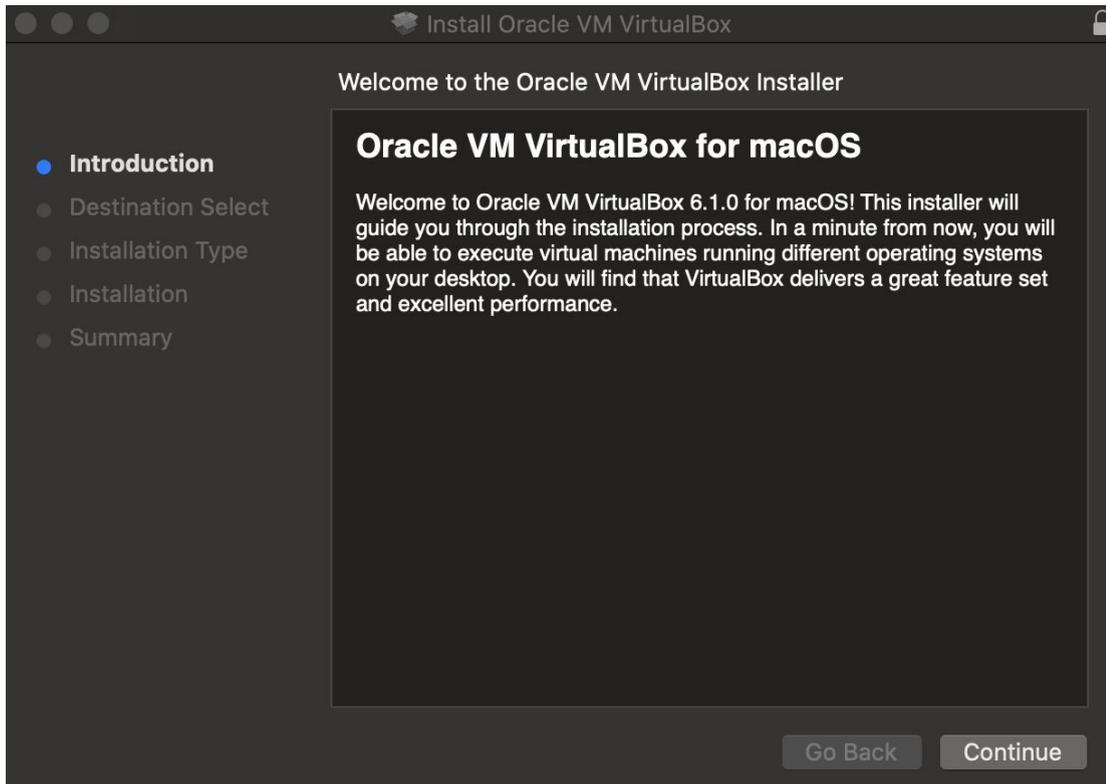


For Mac

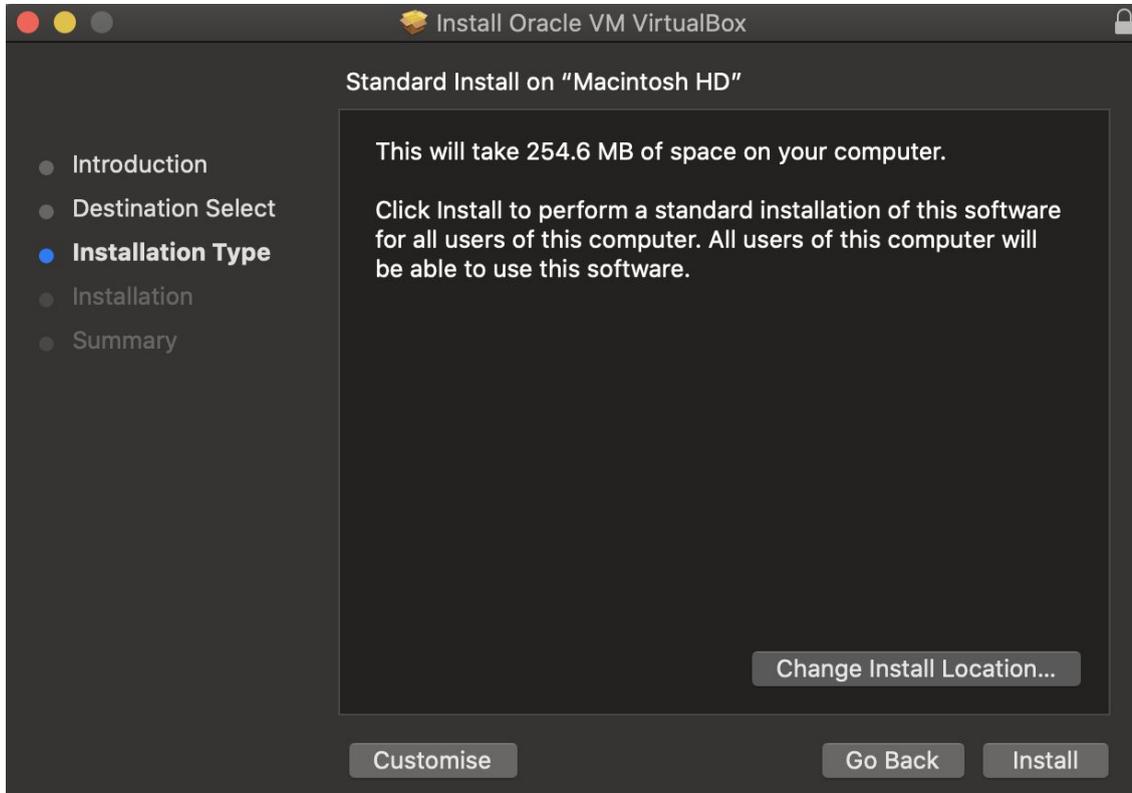
1. After you open your .dmg file, you will eventually get this pop-up:



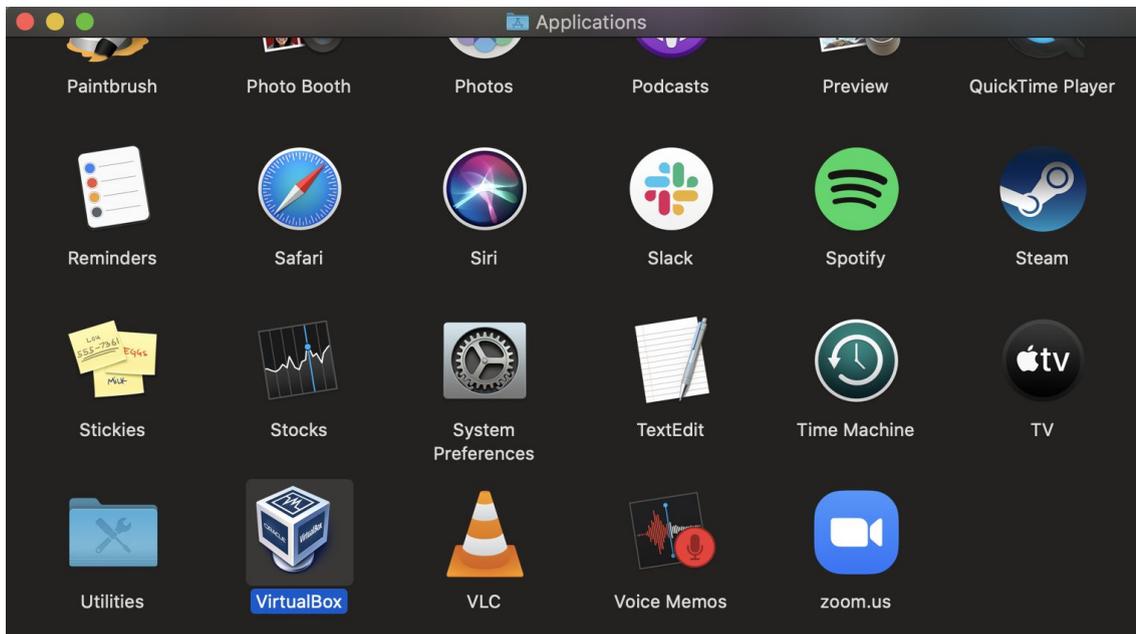
2. This window will appear. Click *Continue*.



3. This window will appear. Click *Install*. The installer will prompt you for your computer's password. Enter your password to complete the installation.



4. You should now be able to access VirtualBox by going to your Applications folder.



Installation complete!

Downloading Kali Linux for VirtualBox

Go to the [Offensive Security](#) website to download a Kali Linux VirtualBox Image. From the **Kali Linux VirtualBox Images** dropdown, try to download the 64-bit version.

You can check out [this TechSoup article](#) to figure out whether you should download the 32-bit or the 64-bit version.



Want to download Kali Linux custom images? We have generated several Kali Linux VMware and VirtualBox images which we would like to share with the community. Note that the images provided below are maintained on a "best effort" basis and all future updates will be listed on this page. Furthermore, Offensive Security does not provide technical support for our contributed Kali Linux images. Support for Kali can be obtained via various methods listed on the Kali Linux Community page. These images have a default password of "toor" and may have pre-generated SSH host keys.

We generate fresh Kali Linux image files every few months, which we make available for download. This page provides the links to download Kali Linux in its latest official release. For a release history, check our Kali Linux Releases page. Please note: You can find unofficial, untested weekly releases at <http://cdimage.kali.org/kali-weekly/>. Downloads are **rate limited to 5 concurrent connections**.

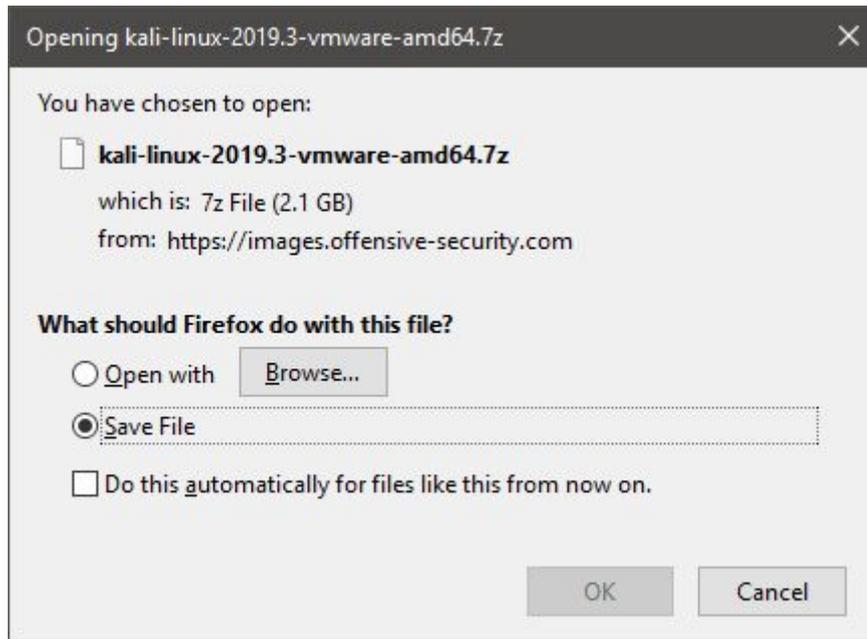
+ KALI LINUX VMWARE IMAGES				
- KALI LINUX VIRTUALBOX IMAGES				
Image Name	Torrent	Version	Size	SHA256Sum
Kali Linux VirtualBox 32-Bit	Torrent	2019.4	2.9G	39d0c41cef32360d195b8a4338495929af8048a5a63fb663fe51c713211f267
Kali Linux VirtualBox 64-Bit	Torrent	2019.4	3.0G	1bad2cf8e342e22586366605afe5d8fa54480bf333cfad2892d3897cec07c01

download
32-bit
or
64-bit



Windows

If you're on a Windows computer, you may get the following popup:



Make sure to select **Save File**, and be sure to save it in a location you'll remember for class.

As this file is 2.1GB, it will take some time to download, depending on your internet speed. Please make sure you have enough time for it to download fully.

Downloading Metasploitable

Go to [Sourceforge](#) to download the latest version of Metasploitable. You can do this by clicking the green **Download Latest Version** button.

Home / Browse / Security & Utilities / Security / Metasploitable / Files



Metasploitable

Metasploitable is an intentionally vulnerable Linux virtual machine
Brought to you by: [rapid7user](#)

Summary **Files** Reviews

 **Download Latest Version**
metasploitable-linux-2.0.0.zip (865.1 MB)

Get Updates

Download complete!