



# ORACLE VIRTUALBOX

## Lesson 3

## Virtualization with VirtualBox

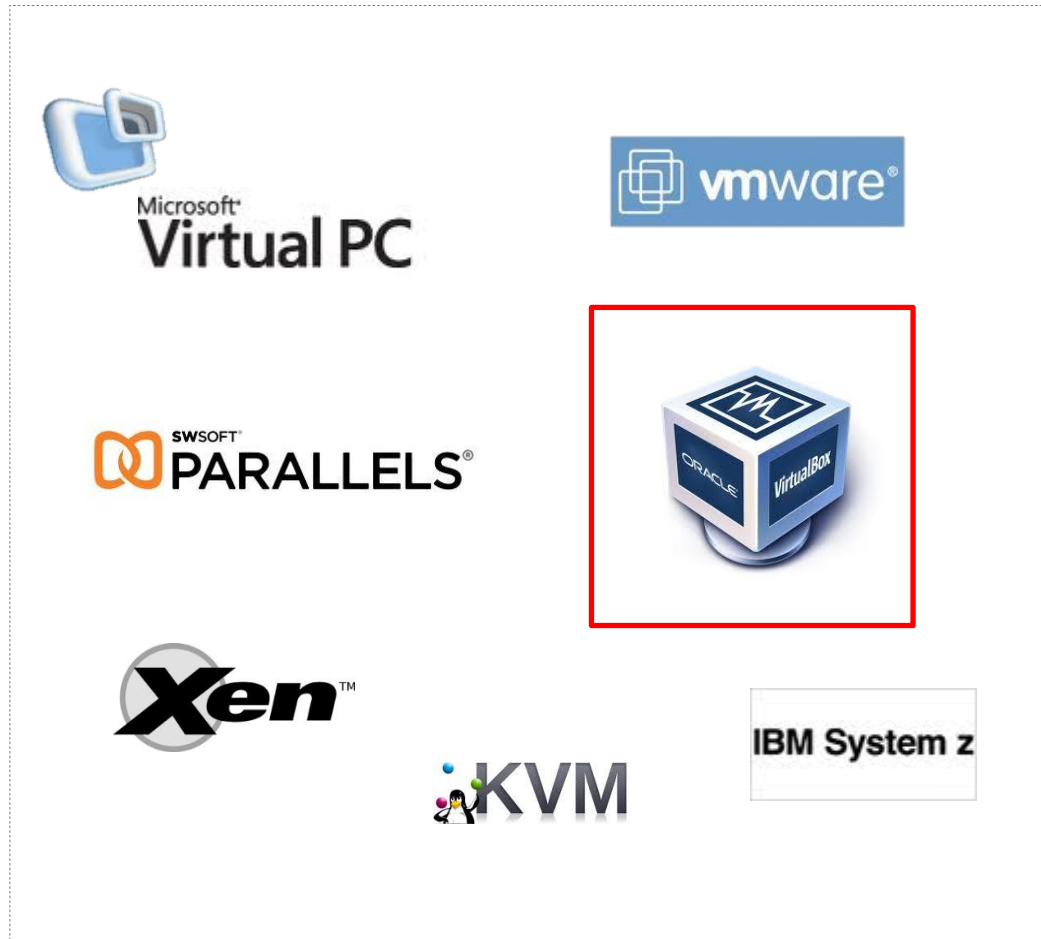


- Introduction of what virtualization is.
- To introduce an example of virtualization solution.
- Test theoretical concepts.

- Install VirtualBox 5.1.6
  - ▣ Introduction
  - ▣ Steps to install VirtualBox in Windows Host

- **Install VirtualBox 5.1.6**
  - ▣ **Introduction**
  - ▣ **Steps to install VirtualBox in Windows Host**





- **Multiplatform:**
  - Linux, Windows y MacOS
- Near every type of functionality
- There are a free software version
- Free (by now)

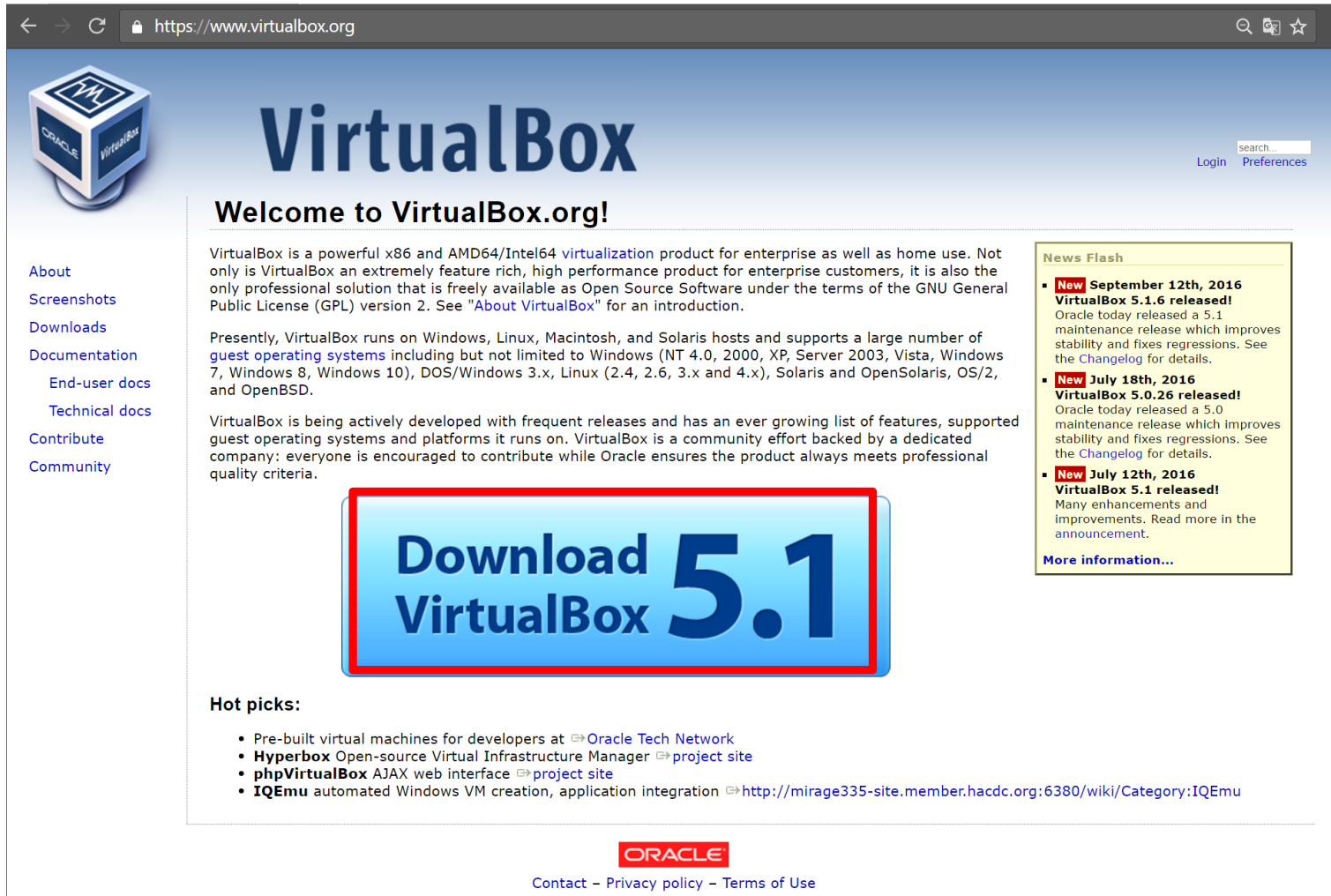


- Version: 5.1.6
- Architecture: x86
- Operating system: Windows
- URL:
  - <http://download.virtualbox.org/>

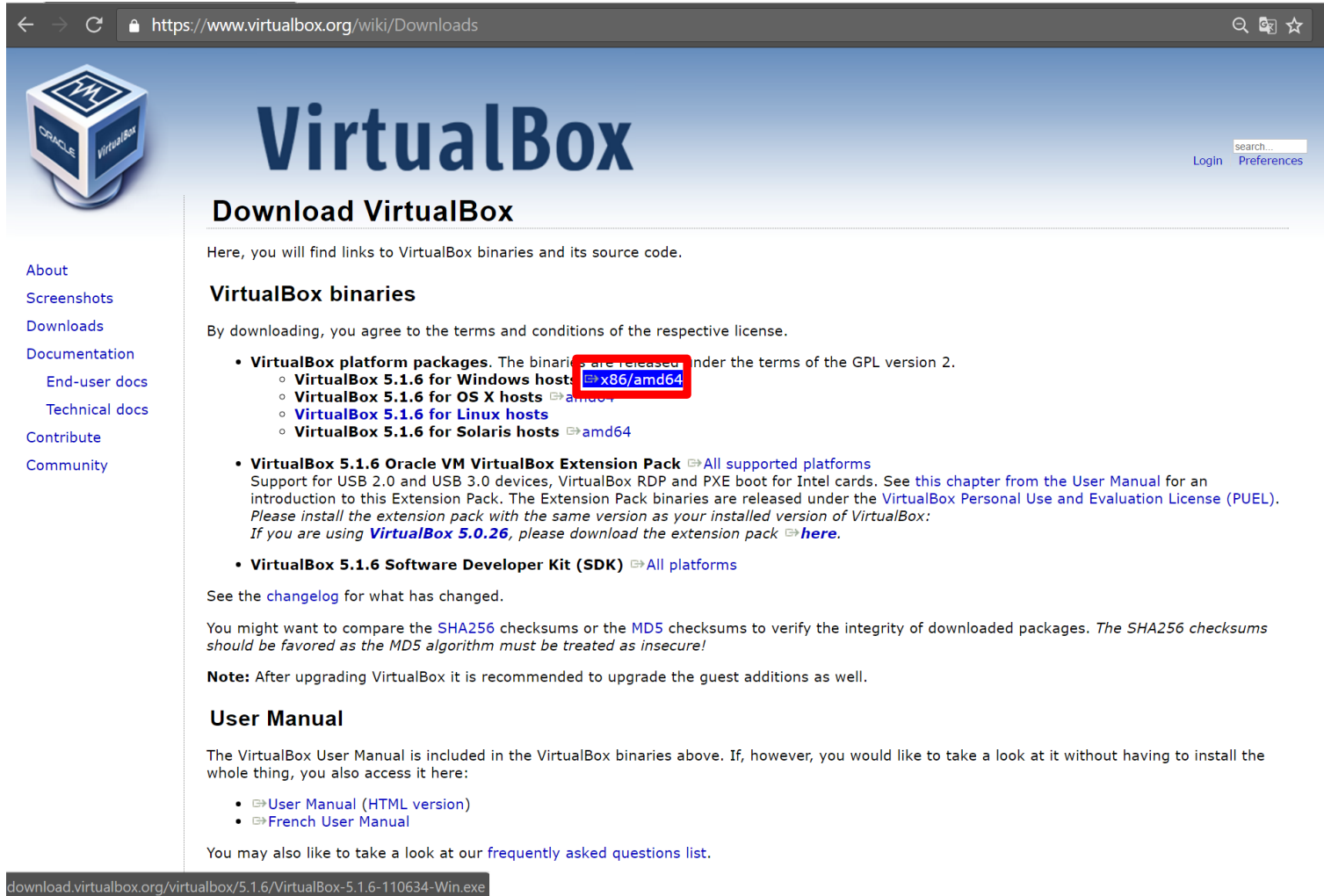




- **Install VirtualBox 5.1.6**
  - ▣ Introduction
  - ▣ **Steps to install VirtualBox in Windows Host**



The screenshot shows the homepage of VirtualBox.org. The browser address bar displays "https://www.virtualbox.org". The page features a navigation menu on the left with links for About, Screenshots, Downloads, Documentation, End-user docs, Technical docs, Contribute, and Community. The main content area includes a "Welcome to VirtualBox.org!" heading, a paragraph describing the product as a powerful x86 and AMD64/Intel64 virtualization product, and another paragraph detailing supported host operating systems (Windows, Linux, Macintosh, Solaris) and guest operating systems (Windows NT 4.0, 2000, XP, Server 2003, Vista, Windows 7, 8, 10, DOS, Linux, Solaris, OpenSolaris, OS/2, and OpenBSD). A large blue button with a red border prominently displays "Download VirtualBox 5.1". To the right, a "News Flash" section lists three recent releases: VirtualBox 5.1.6 (September 12th, 2016), VirtualBox 5.0.26 (July 18th, 2016), and VirtualBox 5.1 (July 12th, 2016). At the bottom, the Oracle logo is visible, along with links for Contact, Privacy policy, and Terms of Use.



The screenshot shows the VirtualBox website's download page. The browser address bar displays `https://www.virtualbox.org/wiki/Downloads`. The page features the VirtualBox logo and a navigation menu on the left with links for About, Screenshots, Downloads, Documentation, End-user docs, Technical docs, Contribute, and Community. The main content area is titled "Download VirtualBox" and contains the following text:

Here, you will find links to VirtualBox binaries and its source code.

### VirtualBox binaries

By downloading, you agree to the terms and conditions of the respective license.

- **VirtualBox platform packages.** The binaries are released under the terms of the GPL version 2.
  - **VirtualBox 5.1.6 for Windows hosts** [x86/amd64](#)
  - **VirtualBox 5.1.6 for OS X hosts** [amd64](#)
  - **VirtualBox 5.1.6 for Linux hosts**
  - **VirtualBox 5.1.6 for Solaris hosts** [amd64](#)
- **VirtualBox 5.1.6 Oracle VM VirtualBox Extension Pack** [All supported platforms](#)  
Support for USB 2.0 and USB 3.0 devices, VirtualBox RDP and PXE boot for Intel cards. See [this chapter from the User Manual](#) for an introduction to this Extension Pack. The Extension Pack binaries are released under the [VirtualBox Personal Use and Evaluation License \(PUEL\)](#). Please install the extension pack with the same version as your installed version of VirtualBox: If you are using **VirtualBox 5.0.26**, please download the extension pack [here](#).
- **VirtualBox 5.1.6 Software Developer Kit (SDK)** [All platforms](#)

See the [changelog](#) for what has changed.

You might want to compare the [SHA256](#) checksums or the [MD5](#) checksums to verify the integrity of downloaded packages. *The SHA256 checksums should be favored as the MD5 algorithm must be treated as insecure!*

**Note:** After upgrading VirtualBox it is recommended to upgrade the guest additions as well.

### User Manual

The VirtualBox User Manual is included in the VirtualBox binaries above. If, however, you would like to take a look at it without having to install the whole thing, you also access it here:

- [User Manual \(HTML version\)](#)
- [French User Manual](#)

You may also like to take a look at our [frequently asked questions list](#).

download.virtualbox.org/virtualbox/5.1.6/VirtualBox-5.1.6-110634-Win.exe



https://www.virtualbox.org/wiki/Downloads

# VirtualBox

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```
download.virtualbox.org/virtualbox/5.1.6/Oracle_VM_VirtualBox_Extension_Pack-5.1.6-110634.vbox-extpack
```



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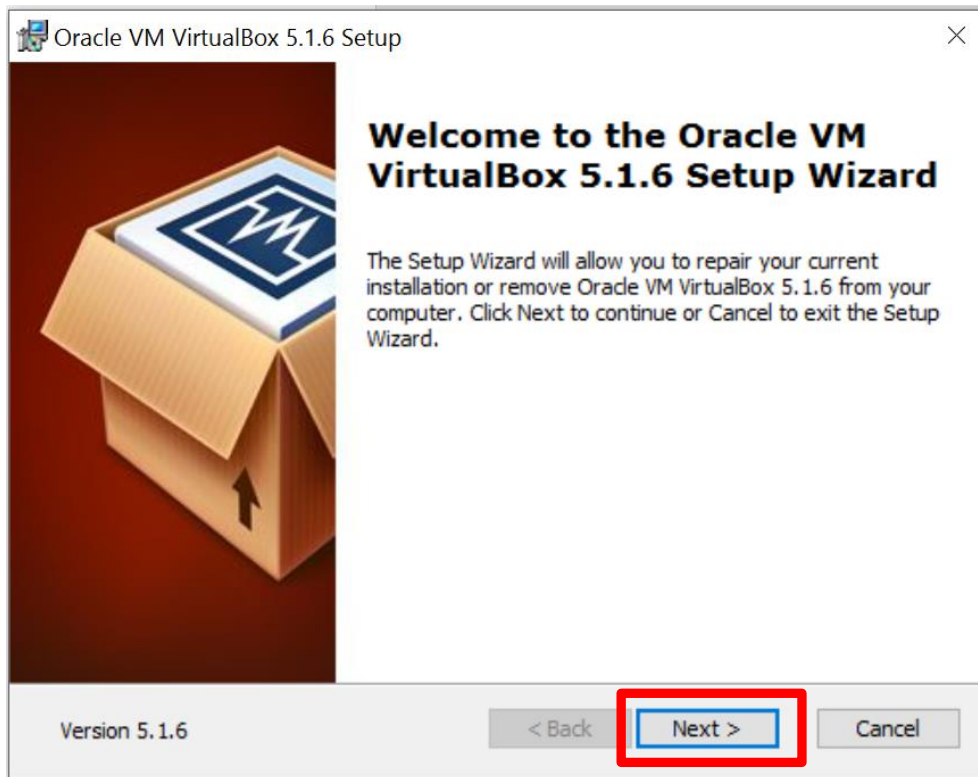
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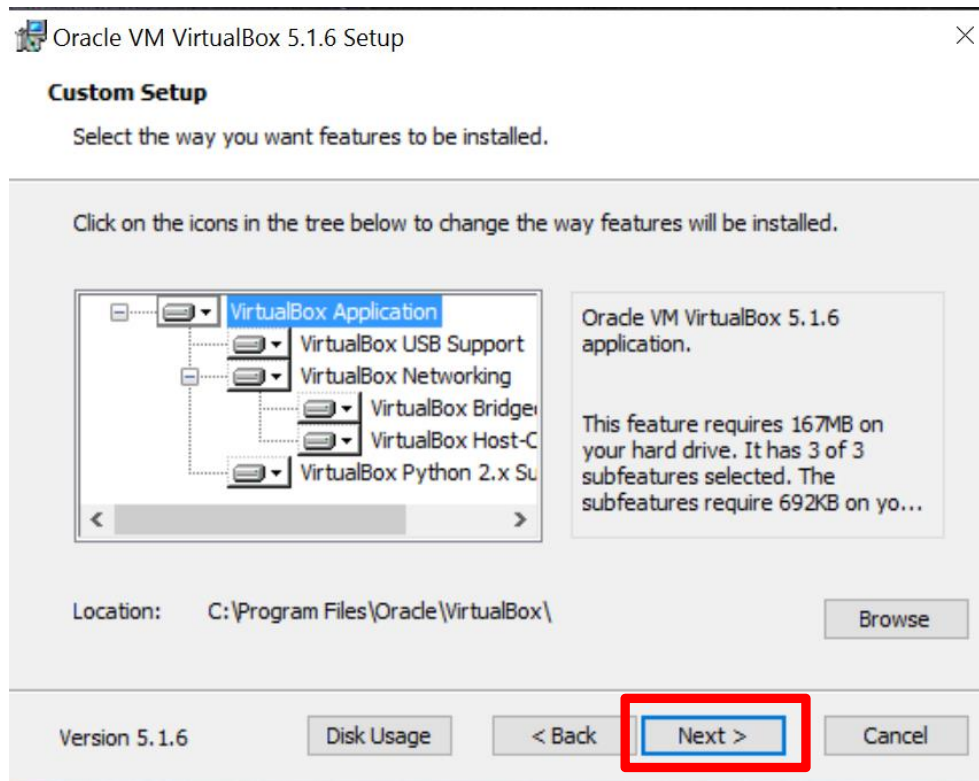
### User Manual

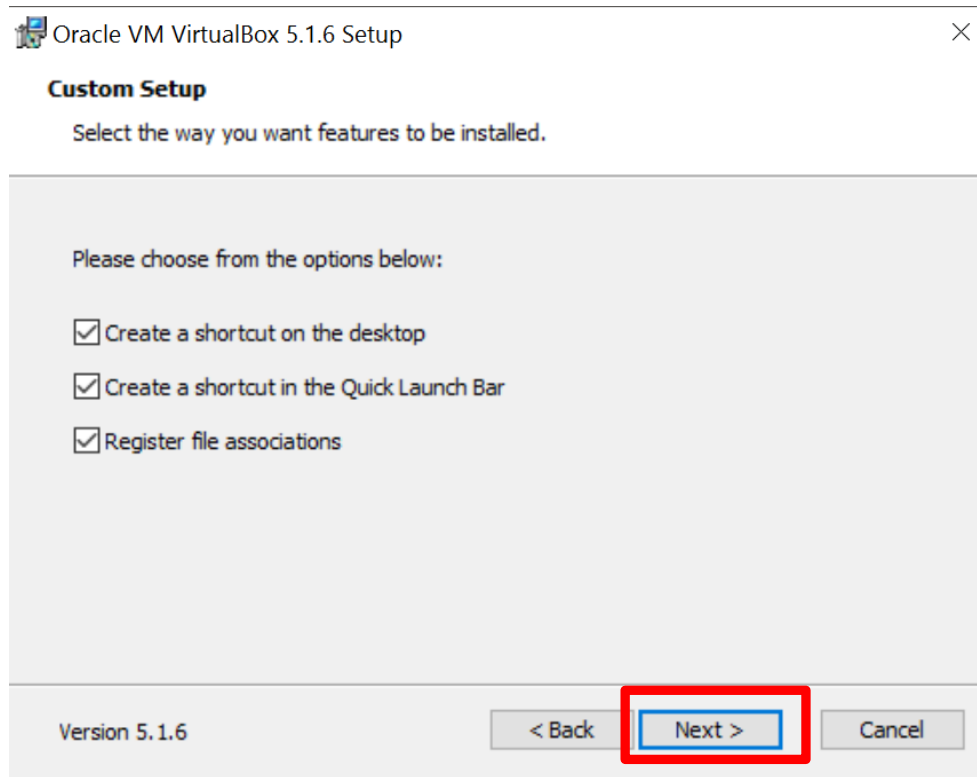
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Oracle\_V...vbox-extpack ^ VirtualBox-5.1.6-110634-Win.exe ^ Mostrar todo X

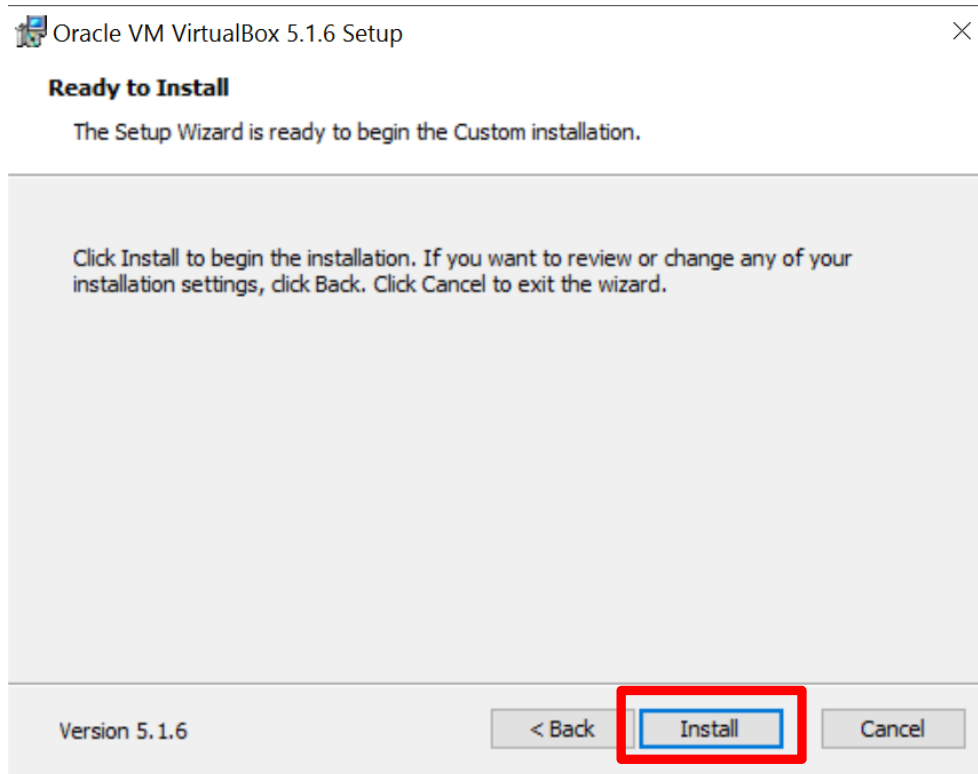


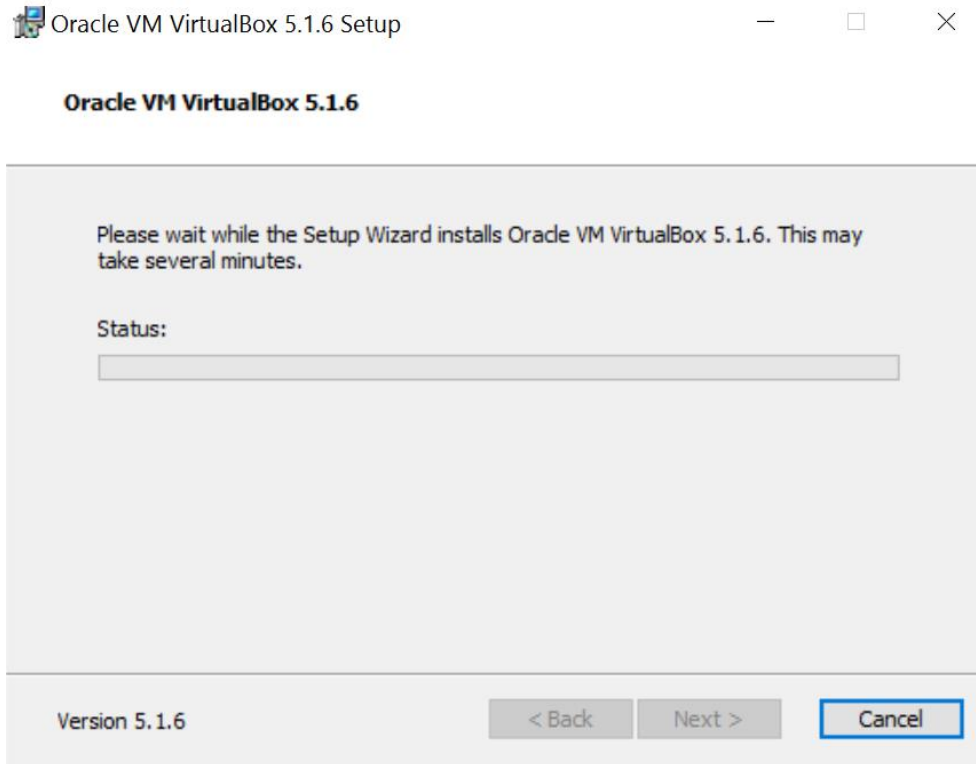


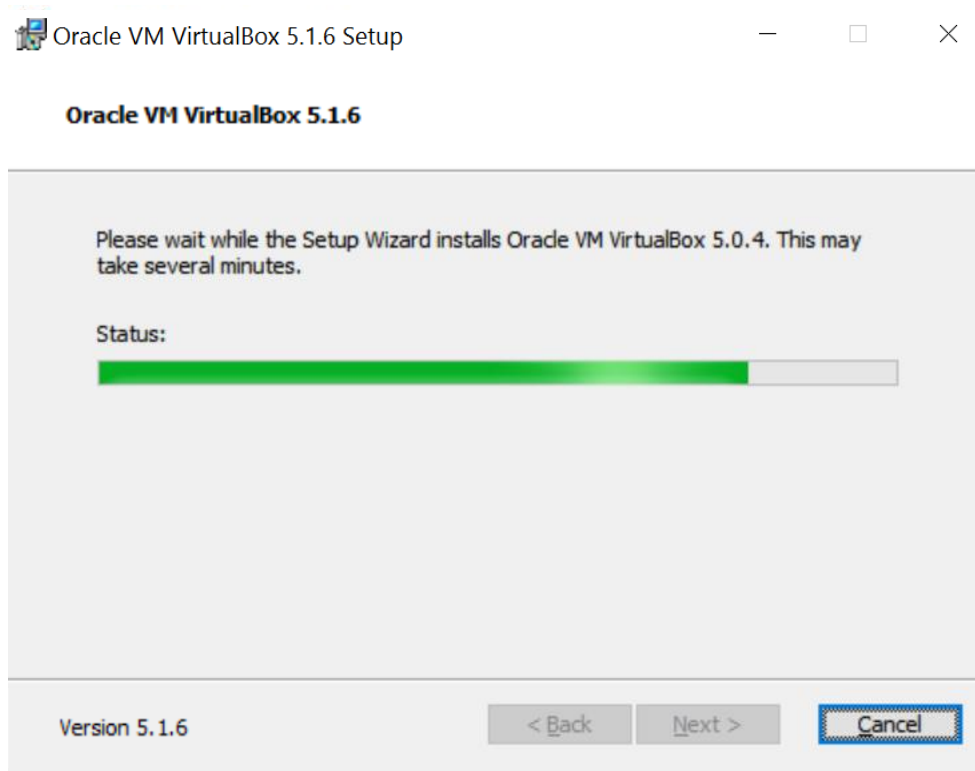


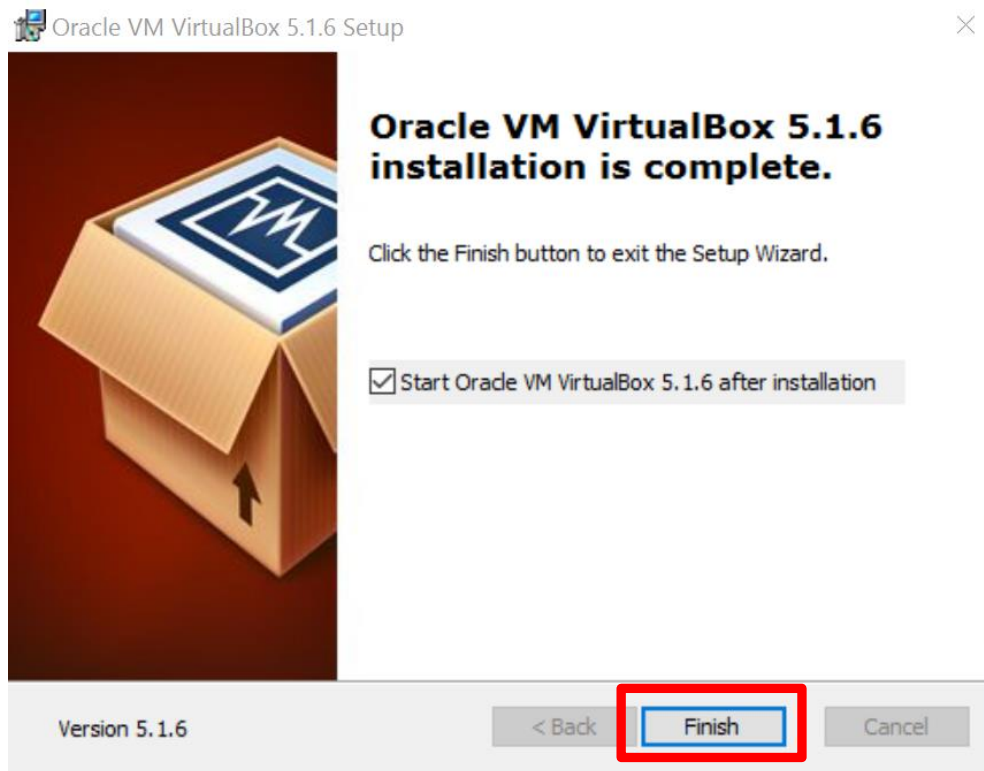














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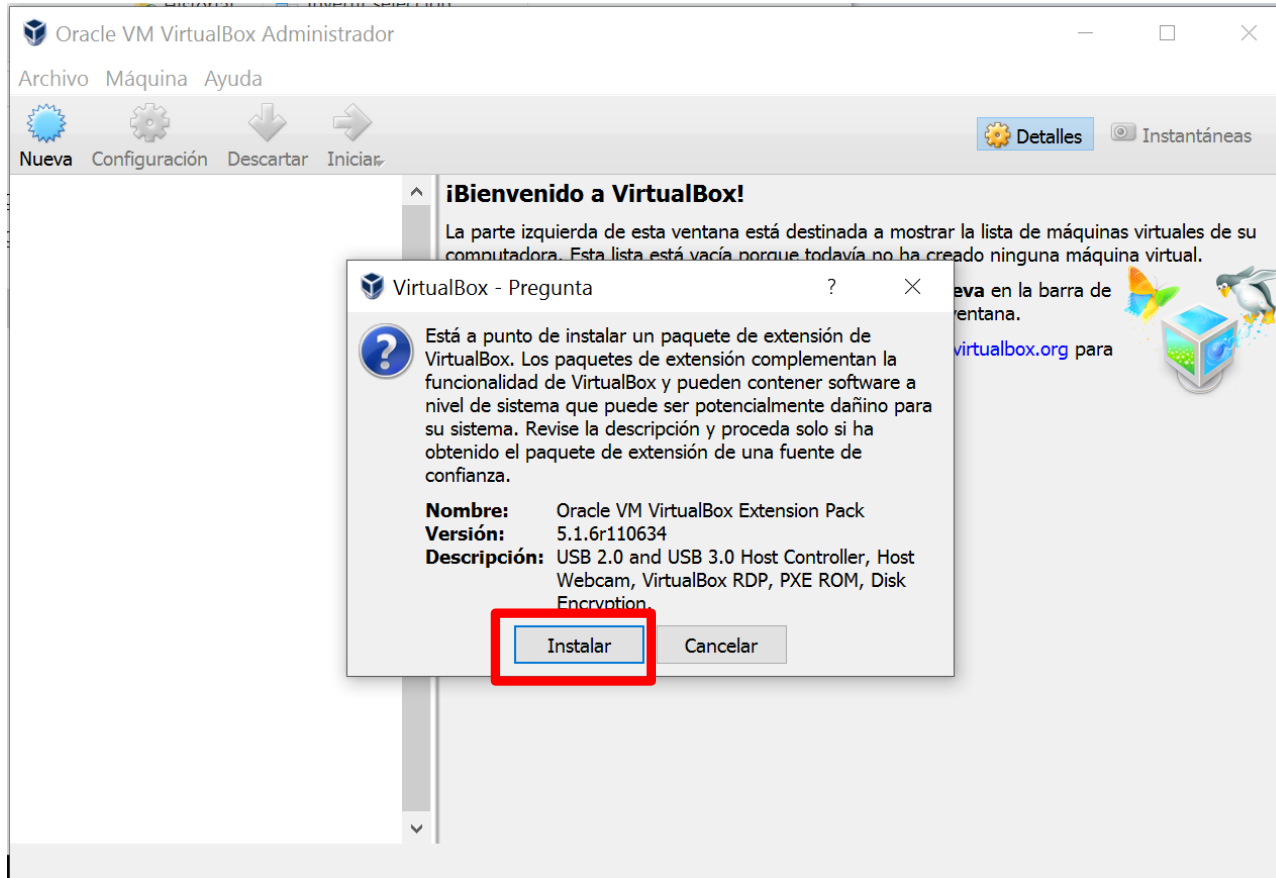
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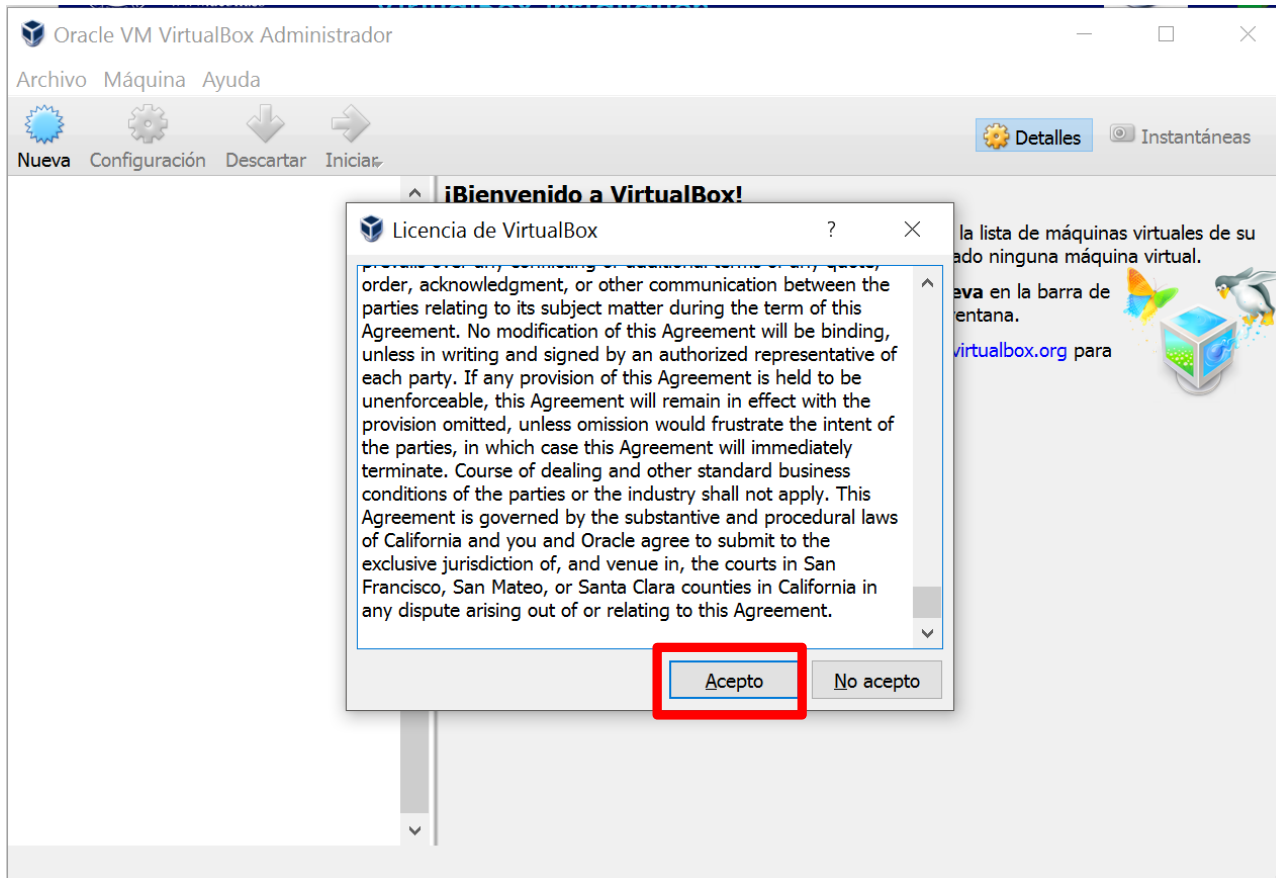
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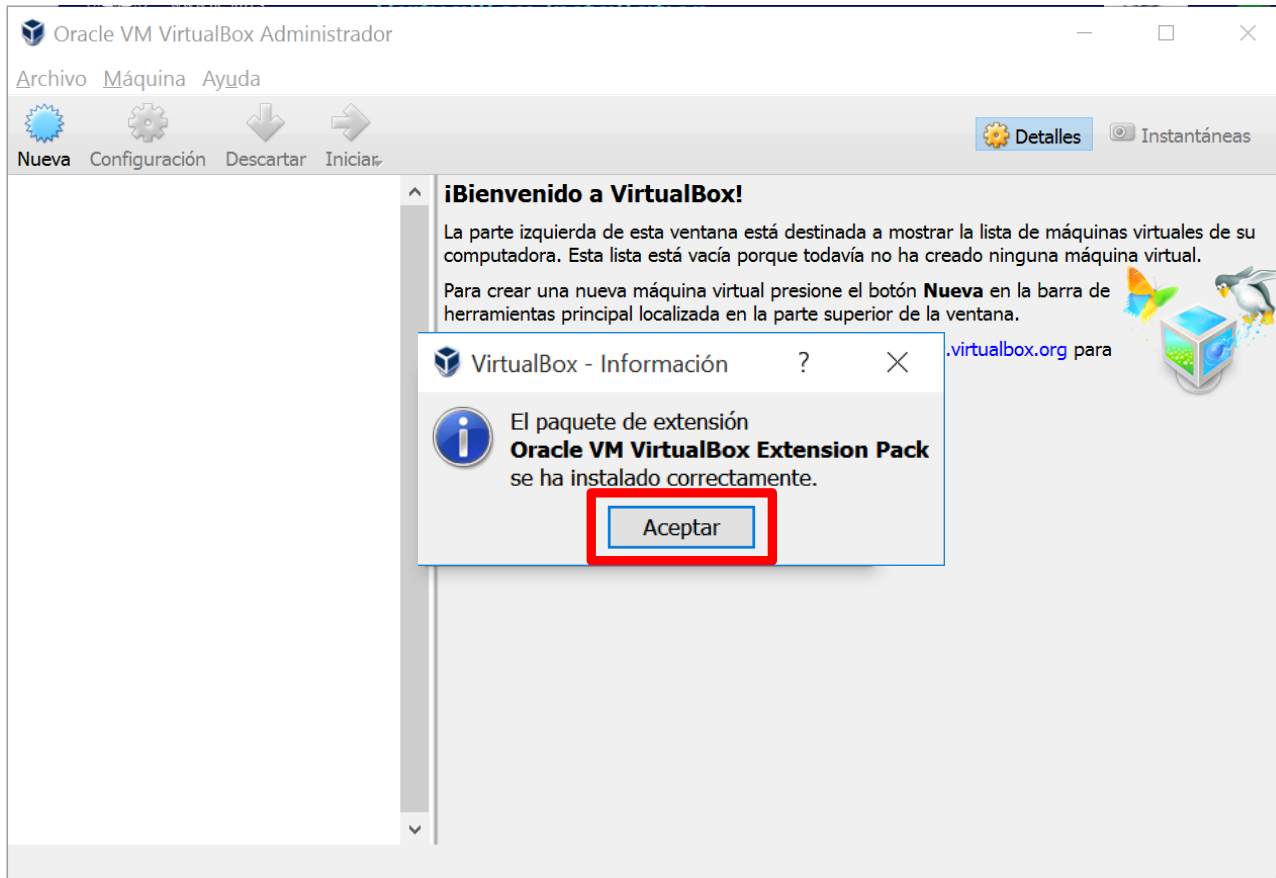
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VirtualBox-5.1.6-110634-Win.exe

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