

# Installing and Running BitCurator

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# Getting Started

BitCurator's development team has created their own tutorial for understanding BitCurator. If you have more questions after this tutorial or would like to follow along, we are covering pages 5-16 of the PDF.

BitCurator Quickstart Guide:

<http://distro.ibiblio.org/bitcurator/docs/BitCurator-Quickstart-v2.pdf>



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# BitCurator Requirements

- Desktop or laptop with an Intel Core i7 processor (recommended; i5 processors are also suitable)
- 64-bit Windows 10, macOS 10.14 (or newer), or a 64-bit Linux variant.
- 16GB RAM recommended (8GB minimum)
- 20GB free hard disk space (minimum). The virtual machine is approximately 10GB when unzipped, and will expand to 256GB as needed. Solid-state disk (SSD) is recommended but not required.

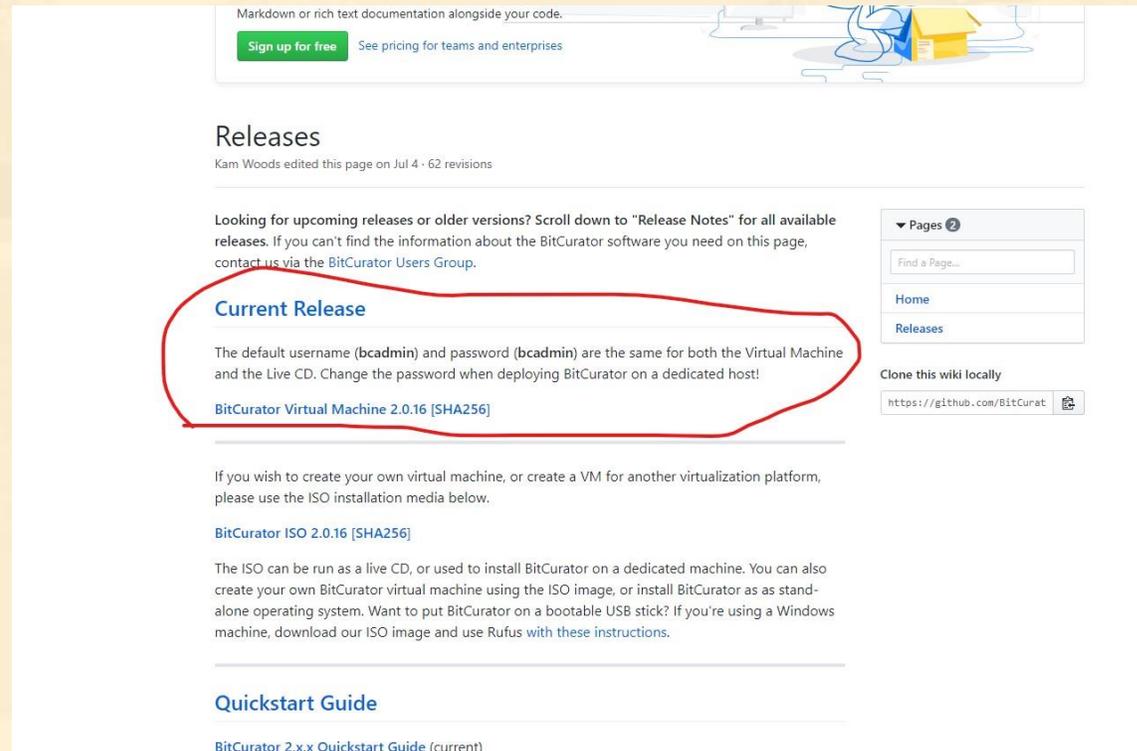


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# Step One: Download BitCurator

Go to <https://github.com/BitCurator/bitcurator-distro/wiki/Releases> and download the BitCurator Virtual Machine Current Release. This may take 1-3 hours.



Markdown or rich text documentation alongside your code.

[Sign up for free](#) See pricing for teams and enterprises

## Releases

Kam Woods edited this page on Jul 4 · 62 revisions

Looking for upcoming releases or older versions? Scroll down to "Release Notes" for all available releases. If you can't find the information about the BitCurator software you need on this page, contact us via the BitCurator Users Group.

**Current Release**

The default username (`bcadmin`) and password (`bcadmin`) are the same for both the Virtual Machine and the Live CD. Change the password when deploying BitCurator on a dedicated host!

[BitCurator Virtual Machine 2.0.16 \[SHA256\]](#)

If you wish to create your own virtual machine, or create a VM for another virtualization platform, please use the ISO installation media below.

[BitCurator ISO 2.0.16 \[SHA256\]](#)

The ISO can be run as a live CD, or used to install BitCurator on a dedicated machine. You can also create your own BitCurator virtual machine using the ISO image, or install BitCurator as stand-alone operating system. Want to put BitCurator on a bootable USB stick? If you're using a Windows machine, download our ISO image and use Rufus with these instructions.

## Quickstart Guide

[BitCurator 2.x.x Quickstart Guide \(current\)](#)

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Releases

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<https://github.com/BitCurator>



# Step Two: Download 7-Zip

BitCurator will download as a tar.gz file, meaning it has been zipped twice. You will need to download 7-Zip from here <https://www.7-zip.org/download.html> so you can extract the files.

**7 ZIP**

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Download 7-Zip 19.00 (2019-02-21) for Windows:

Link	Type	Windows	Description
<a href="#">Download</a>	.exe	32-bit x86	7-Zip for 32-bit Windows
<a href="#">Download</a>	.exe	64-bit x64	7-Zip for 64-bit Windows x64 (Intel 64 or AMD64)
<a href="#">Download</a>	.7z	x86 / x64	7-Zip Extra: standalone console version, 7z DLL, Plugin for Far Manager
<a href="#">Download</a>	.7z	Any	7-Zip Source code
<a href="#">Download</a>	.7z	Any / x86 / x64	LZMA SDK: (C, C++, C#, Java)
<a href="#">Download</a>	.msi	32-bit x86	(alternative MSI installer) 7-Zip for 32-bit Windows
<a href="#">Download</a>	.msi	64-bit x64	(alternative MSI installer) 7-Zip for 64-bit Windows x64 (Intel 64 or AMD64)

Download 7-Zip 16.04 (2016-10-04) for Windows:

Link	Type	Windows	Description
<a href="#">Download</a>	.exe	32-bit x86	7-Zip for 32-bit Windows
<a href="#">Download</a>	.exe	64-bit x64	7-Zip for 64-bit Windows x64 (Intel 64 or AMD64)
<a href="#">Download</a>	.7z	x86 / x64	7-Zip Extra: standalone console version, 7z DLL, Plugin for Far Manager
<a href="#">Download</a>	.7z	Any	7-Zip Source code
<a href="#">Download</a>	.7z	Any / x86 / x64	LZMA SDK: (C, C++, C#, Java)
<a href="#">Download</a>	.msi	32-bit x86	(alternative MSI installer) 7-Zip for 32-bit Windows
<a href="#">Download</a>	.msi	64-bit x64	(alternative MSI installer) 7-Zip for 64-bit Windows x64 (Intel 64 or AMD64)

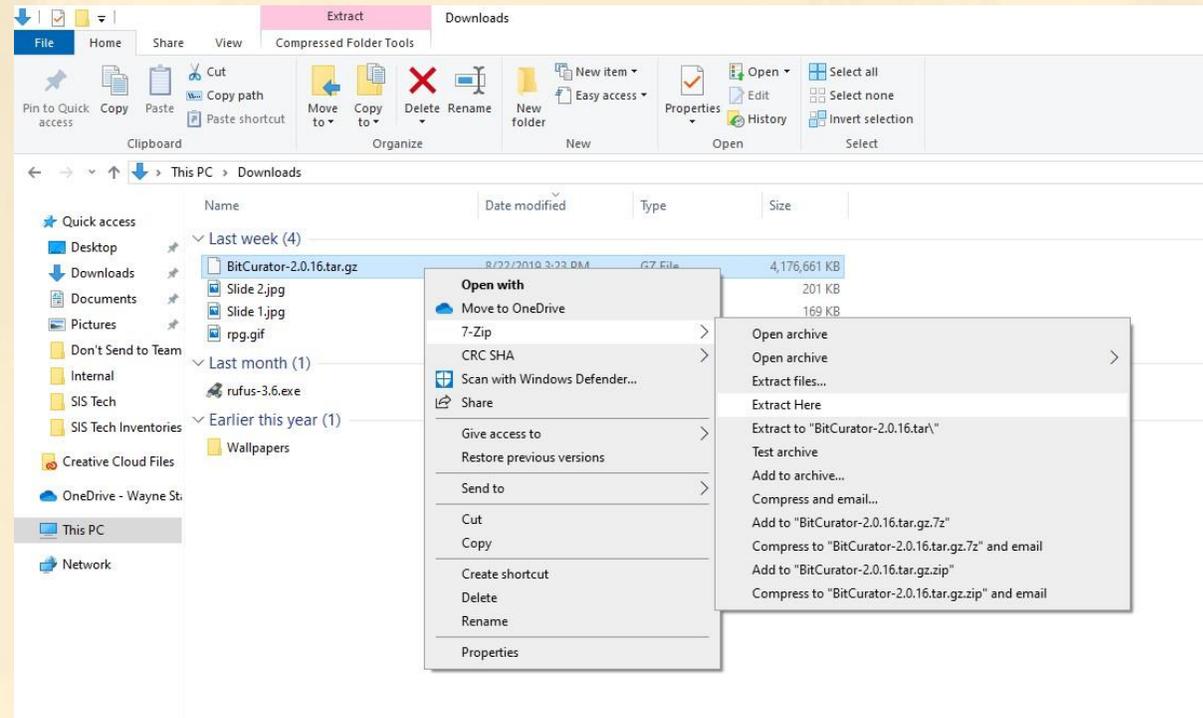
Download 7-Zip 9.20 (2010-11-18) for Windows:

Link	Type	Windows	Description
<a href="#">Download</a>	.exe	32-bit x86	7-Zip for 32-bit Windows
<a href="#">Download</a>	.msi		
<a href="#">Download</a>	.msi	64-bit x64	7-Zip for 64-bit Windows x64 (Intel 64 or AMD64)
<a href="#">Download</a>	.msi	IA-64	7-Zip for Windows IA-64 (Itanium)



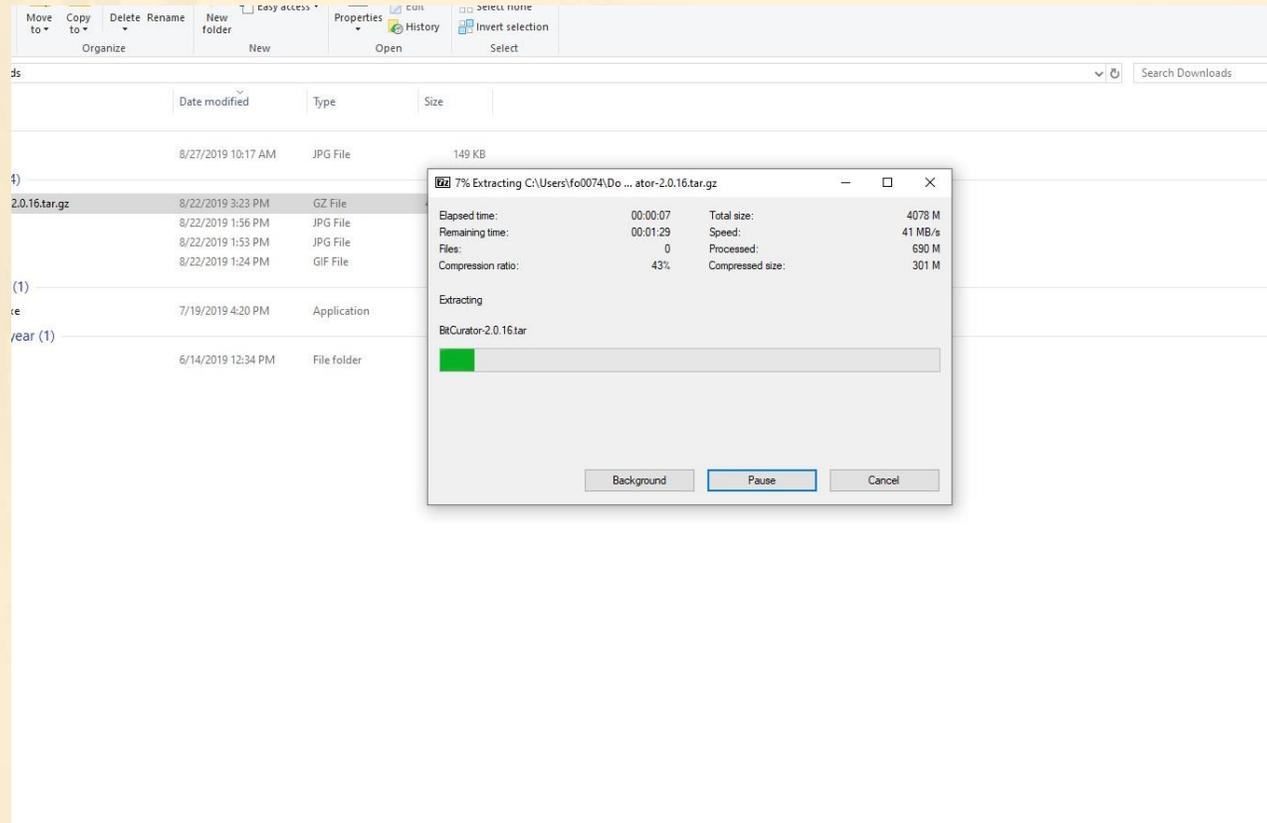
# Step Three: Extract the Files

Once 7-Zip is downloaded, you will be able to unzip the BitCurator files. Within Downloads, right-click on BitCurator-2.0.16.tar.gz (or whichever version it is), scroll down to 7-zip, and select Extract Here.



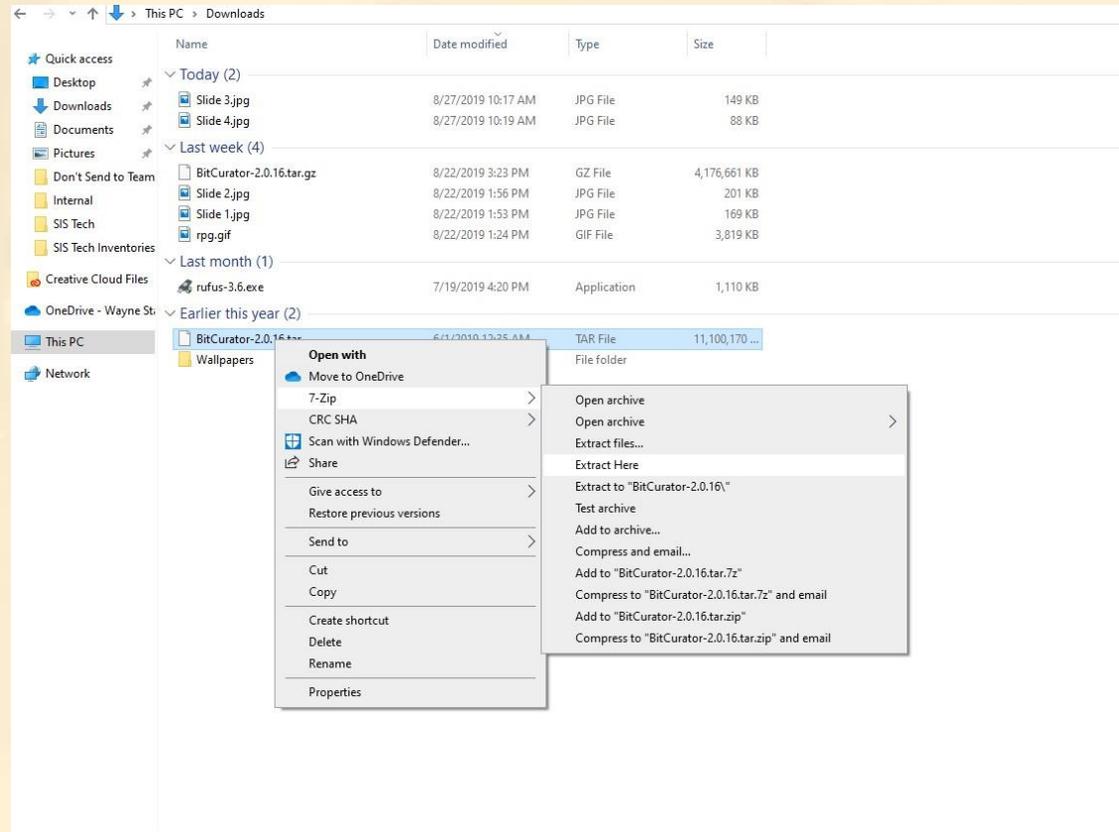
# Step Three Cont.

You will know it is extracting when you see this dialog box.



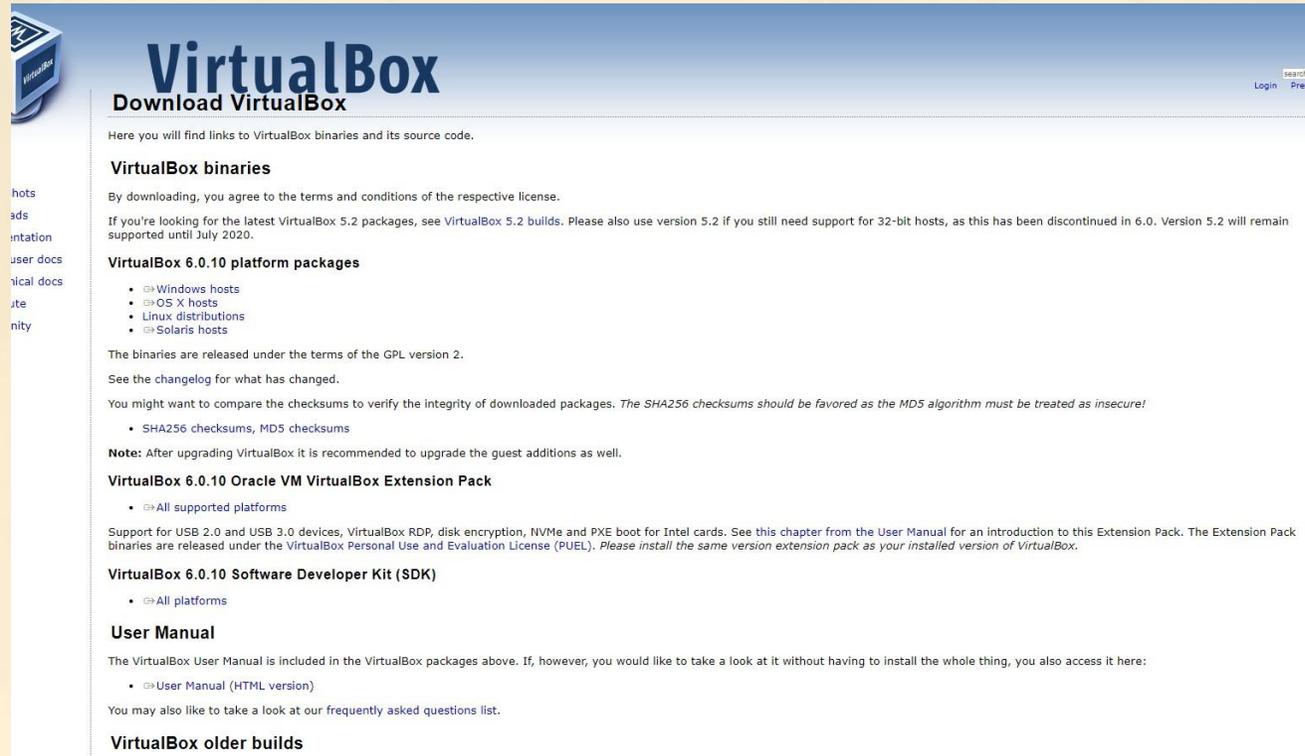
# Step Four: Extract the Files Again

Since the files have been zipped twice, you will need to extract them once more. Repeat Step Three on the file titled BitCurator-2.0.16.tar.



# Step Five: Download Oracle VM Virtualbox

Now that BitCurator is ready, you need to install Oracle VM Virtualbox to run the program. Go to the link here: <https://www.virtualbox.org/wiki/Downloads> and click on Windows hosts for Windows users or OS X hosts for Mac users.



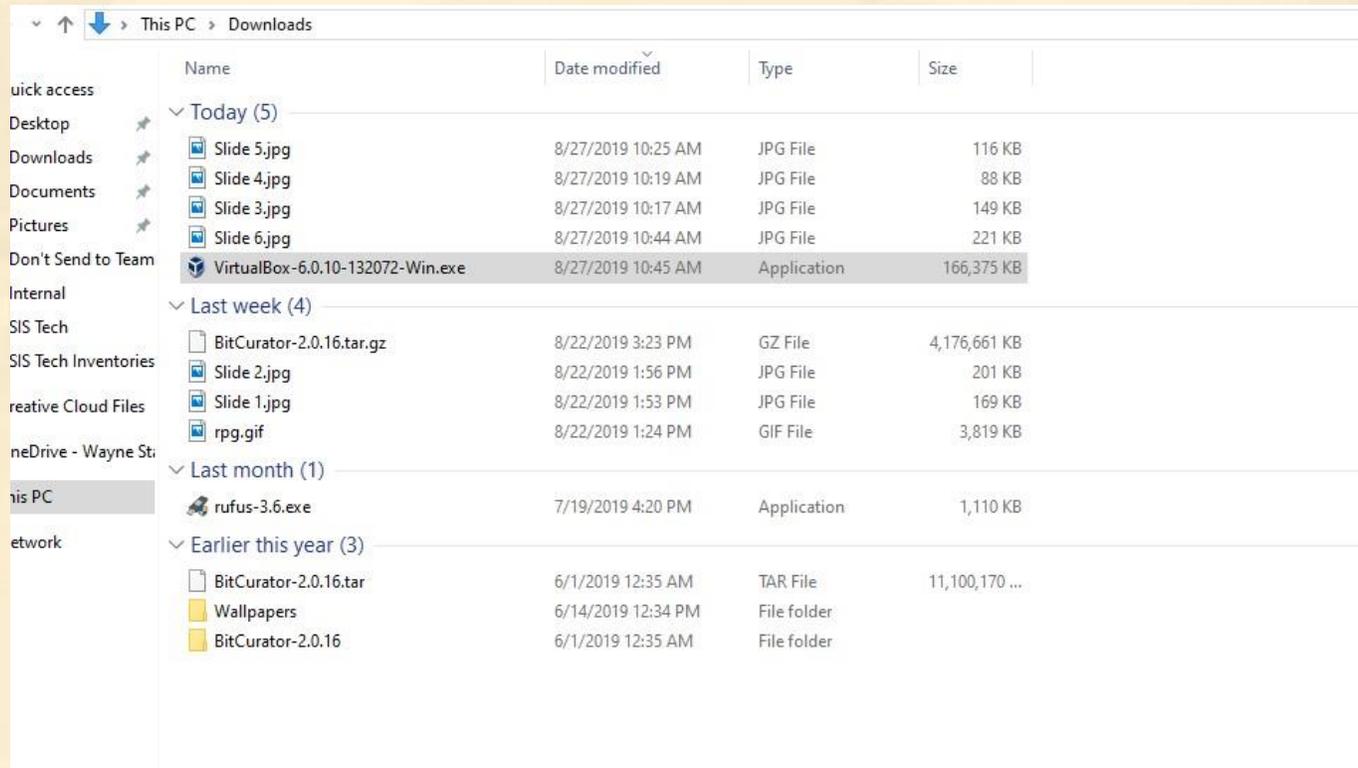
The screenshot shows the 'VirtualBox Download VirtualBox' page. The page title is 'VirtualBox Download VirtualBox'. Below the title, it says 'Here you will find links to VirtualBox binaries and its source code.' The page is organized into several sections:

- VirtualBox binaries**: A section where users agree to terms and conditions. It includes a note about VirtualBox 5.2 packages and their support status.
- VirtualBox 6.0.10 platform packages**: A list of links for different operating systems: Windows hosts, OS X hosts, Linux distributions, and Solaris hosts.
- VirtualBox 6.0.10 Oracle VM VirtualBox Extension Pack**: A link for all supported platforms.
- VirtualBox 6.0.10 Software Developer Kit (SDK)**: A link for all platforms.
- User Manual**: A link to the HTML version of the user manual.
- VirtualBox older builds**: A section for older versions of the software.



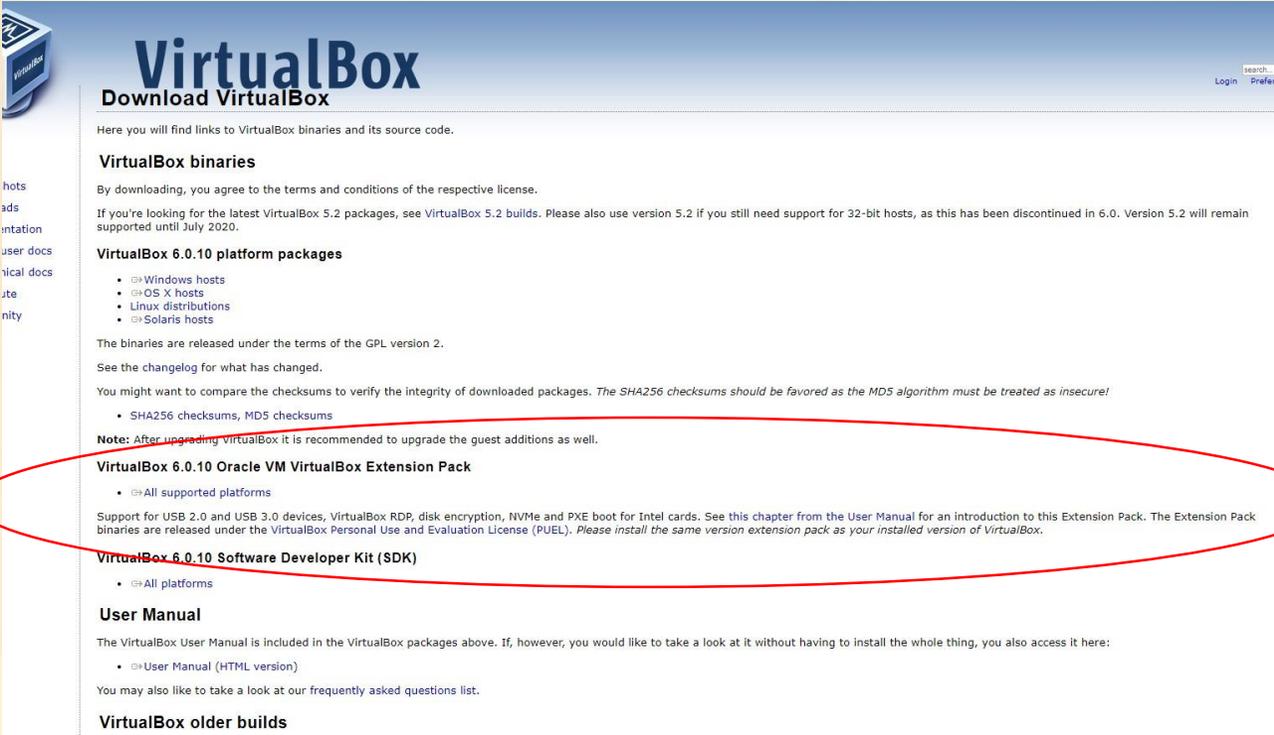
# Step Five Cont.

Once you click on your download within the website, click on the Virtual Box file in your Downloads folder and follow the installation instructions.



# Step Six: Download the VirtualBox Extension Pack

Once VirtualBox is installed, you will need to also download the Extension Pack. Go to the same webpage as before and click on All supported platforms.



The screenshot shows the 'VirtualBox Download VirtualBox' webpage. The page title is 'VirtualBox Download VirtualBox'. Below the title, there is a navigation menu on the left with links for 'VirtualBox', 'Downloads', 'FAQ', 'Support', 'Partners', 'Contact Us', 'Privacy Policy', 'Terms of Use', 'Legal', 'Security', 'Patches', 'Changelog', 'User Manual', 'API', 'SDK', 'VirtualBox 6.0.10', 'VirtualBox 5.2', 'VirtualBox 5.1', 'VirtualBox 5.0', 'VirtualBox 4.3', 'VirtualBox 4.2', 'VirtualBox 4.1', 'VirtualBox 4.0', 'VirtualBox 3.2', 'VirtualBox 3.1', 'VirtualBox 3.0', 'VirtualBox 2.2', 'VirtualBox 2.1', 'VirtualBox 2.0', 'VirtualBox 1.8', 'VirtualBox 1.7', 'VirtualBox 1.6', 'VirtualBox 1.5', 'VirtualBox 1.4', 'VirtualBox 1.3', 'VirtualBox 1.2', 'VirtualBox 1.1', 'VirtualBox 1.0'. The main content area has a search bar and 'Login' and 'Preferences' links. The main text says 'Here you will find links to VirtualBox binaries and its source code.' Below this, there are sections for 'VirtualBox binaries', 'VirtualBox 6.0.10 platform packages' (with links for Windows, OS X, Linux, and Solaris hosts), 'VirtualBox 6.0.10 Oracle VM VirtualBox Extension Pack' (with a link for 'All supported platforms'), 'VirtualBox 6.0.10 Software Developer Kit (SDK)' (with a link for 'All platforms'), 'User Manual', and 'VirtualBox older builds'. A red oval highlights the 'All supported platforms' link under the 'VirtualBox 6.0.10 Oracle VM VirtualBox Extension Pack' section.

**VirtualBox**  
Download VirtualBox

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.

If you're looking for the latest VirtualBox 5.2 packages, see [VirtualBox 5.2 builds](#). Please also use version 5.2 if you still need support for 32-bit hosts, as this has been discontinued in 6.0. Version 5.2 will remain supported until July 2020.

**VirtualBox 6.0.10 platform packages**

- Windows hosts
- OS X hosts
- Linux distributions
- Solaris hosts

The binaries are released under the terms of the GPL version 2.

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

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

- SHA256 checksums, MD5 checksums

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

**VirtualBox 6.0.10 Oracle VM VirtualBox Extension Pack**

- All supported platforms

Support for USB 2.0 and USB 3.0 devices, VirtualBox RDP, disk encryption, NVMe 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 same version extension pack as your installed version of VirtualBox.*

**VirtualBox 6.0.10 Software Developer Kit (SDK)**

- All platforms

**User Manual**

The VirtualBox User Manual is included in the VirtualBox packages 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)

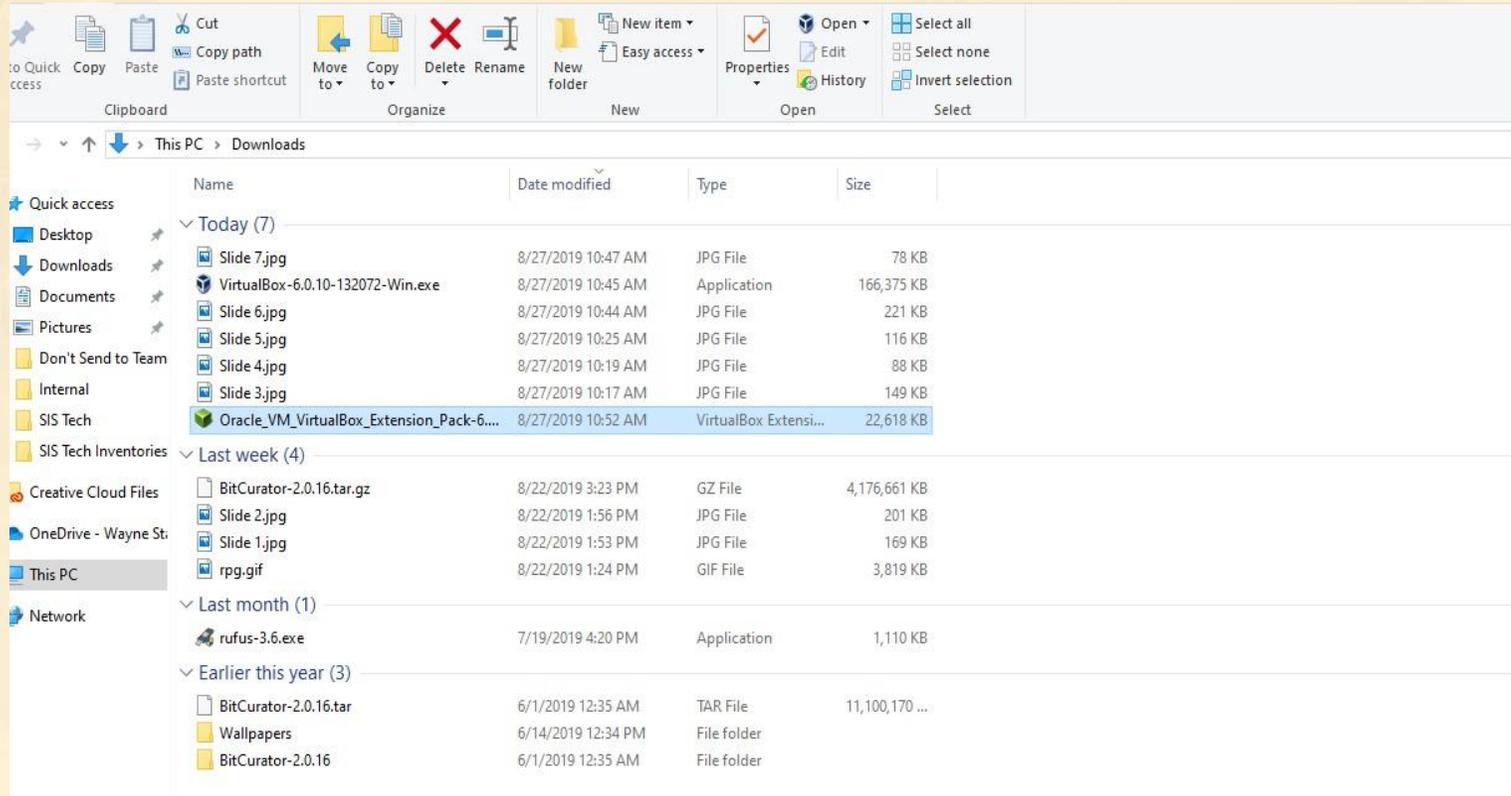
You may also like to take a look at our [frequently asked questions list](#).

**VirtualBox older builds**



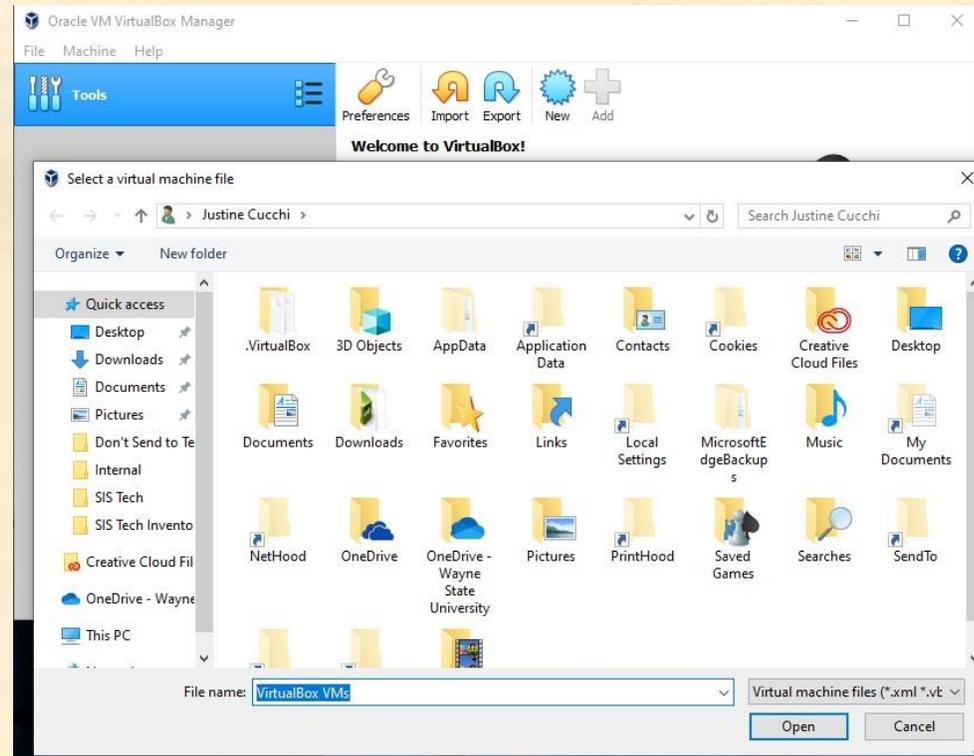
# Step Six Cont.

Double-click on the Oracle\_VM\_VirtualBox\_Extension\_Pack file in the Downloads folder and let it run.



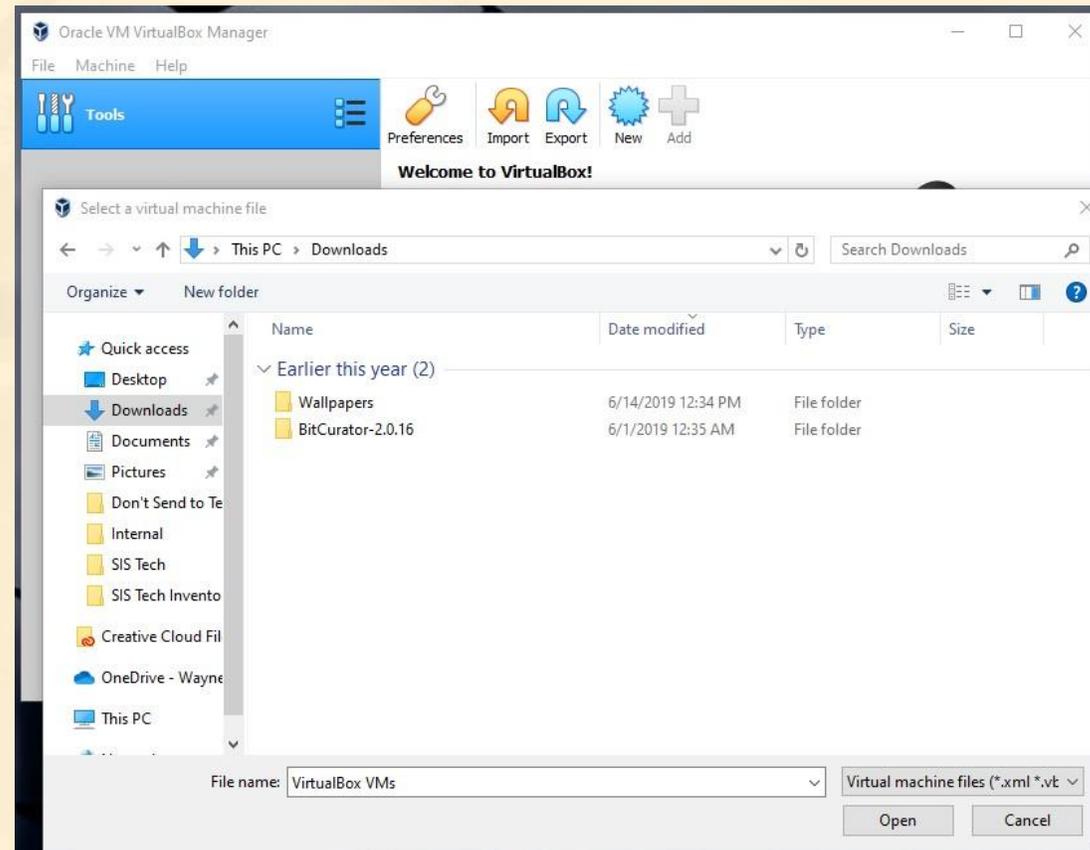
# Step Seven: Add BitCurator to VirtualBox

Open and run VirtualBox. Once it is running, click on Add. A File Explorer tab will appear when you do this.



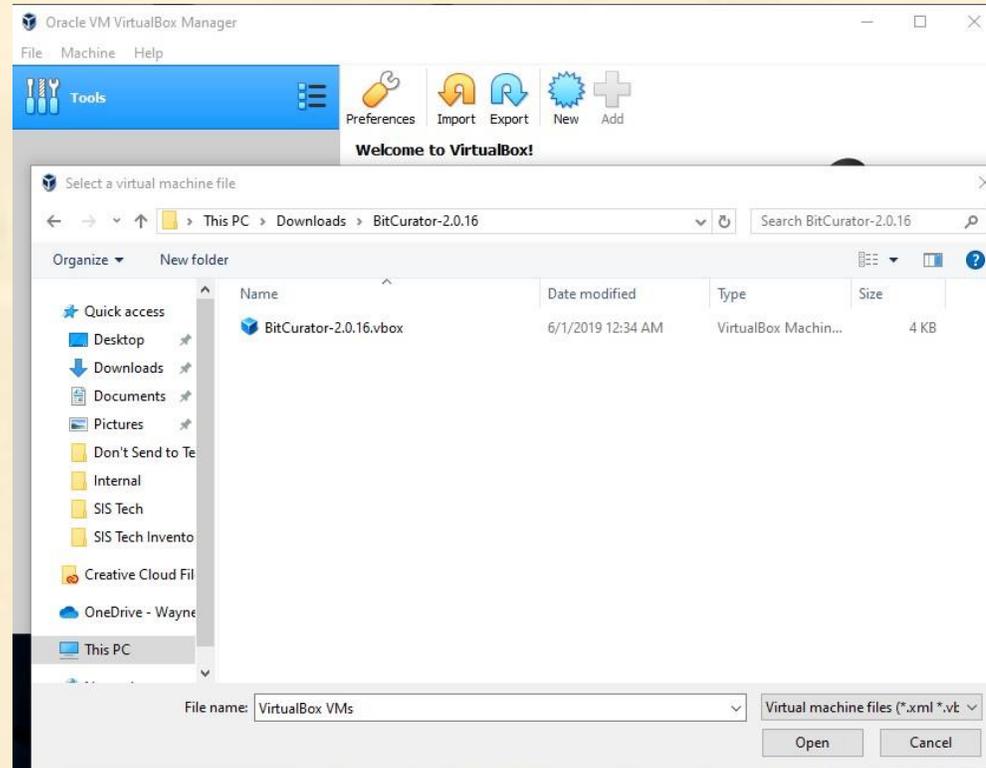
# Step Seven Cont.

Navigate to your Downloads folder and click on the BitCurator folder.



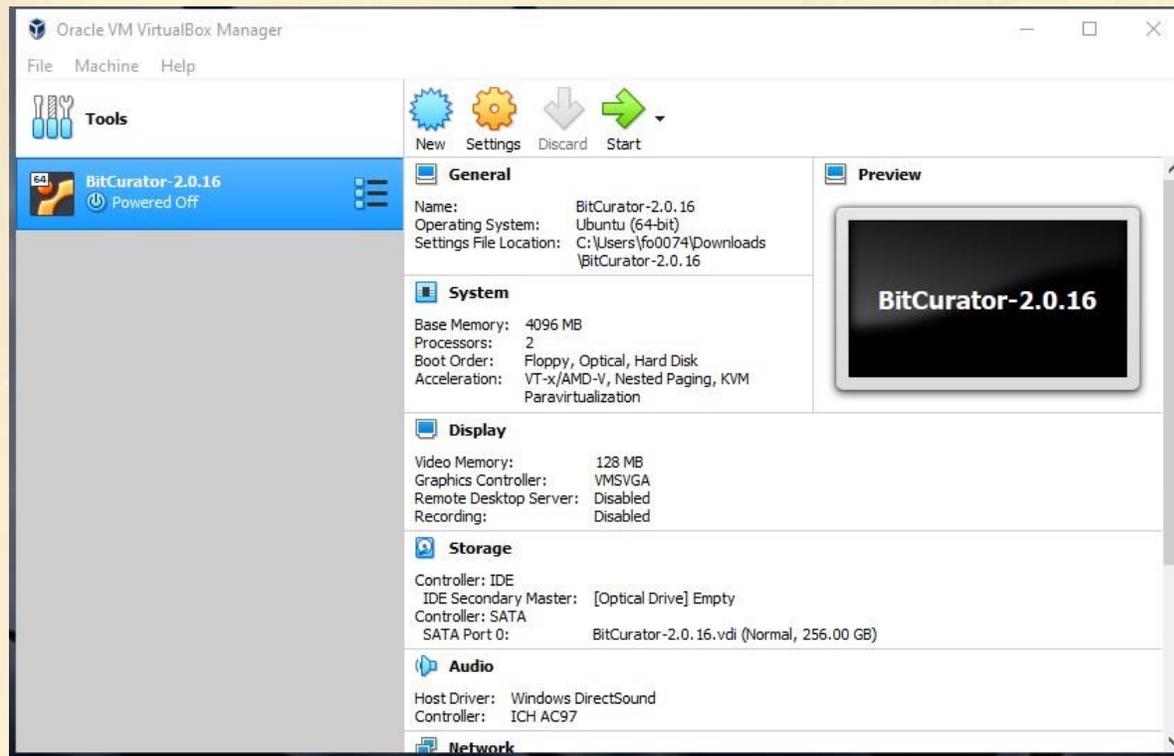
# Step Seven Cont.

Once within the BitCurator folder in your Downloads, double-click on BitCurator-2.0.16.vbox, or whichever version number yours is.



# Step Eight: Turn On BitCurator and See If It Runs

Afterward, VirtualBox will take you back to its home screen. BitCurator will be on the left side. Click on Start to see if it powers on.



# Step Eight Cont.

If it worked, you will see this screen. Be warned, it does take a little while to start up.

