

Step 010 – Install Virtualbox

Browse to Virtualbox site:

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



VirtualBox
Welcome to VirtualBox.org!

VirtualBox is a powerful x86 and AMD64/Intel64 virtualization product for enterprise as well as home use. Not only is VirtualBox an extremely feature rich, high performance product for enterprise customers, it is also the only professional solution that is freely available as Open Source Software under the terms of the GNU General Public License (GPL) version 2. See "About VirtualBox" for an introduction.

Presently, VirtualBox runs on Windows, Linux, Macintosh, and Solaris hosts and supports a large number of guest operating systems including but not limited to Windows (NT 4.0, 2000, XP, Server 2003, Vista, Windows 7, Windows 8, Windows 10), DOS/Windows 3.x, Linux (2.4, 2.6, 3.x and 4.x), Solaris and OpenSolaris, OS/2, and OpenBSD.

VirtualBox is being actively developed with frequent releases and has an ever growing list of features, supported guest operating systems and platforms it runs on. VirtualBox is a community effort backed by a dedicated company: everyone is encouraged to contribute while Oracle ensures the product always meets professional quality criteria.

Download VirtualBox 6.0

Hot picks:

- Pre-built virtual machines for developers at [Oracle Tech Network](#)
- **Hyperbox** Open-source Virtual Infrastructure Manager [project site](#)
- **phpVirtualBox** AJAX web interface [project site](#)

News Flash

- **New October 15th, 2019 VirtualBox 6.0.14 released!**
Oracle today released a 6.0 maintenance release which improves stability and fixes regressions. See the [Changelog](#) for details.
- **New September 4th, 2019 VirtualBox 6.0.12 released!**
Oracle today released a 6.0 maintenance release which improves stability and fixes regressions. See the [Changelog](#) for details.
- **New July 16th, 2019 VirtualBox 6.0.10 released!**
Oracle today released a 6.0 maintenance release which improves stability and fixes regressions. See the [Changelog](#) for details.
- **New July 16th, 2019 VirtualBox 5.2.32 released!**
Oracle today released a 5.2 maintenance release which improves stability and fixes regressions. See the [Changelog](#) for details.
- **New April 25th, 2019 Webcast: Building Reliable Oracle Database 18c DevOps**
Webcast available at [this link](#).
- **New April 25th, 2019 Whitepaper: Oracle VM VirtualBox Overview**
Introducing Oracle VM VirtualBox 6.0, Whitepaper available at [this link](#).
- **New December 18th, 2018 VirtualBox 6.0 released!**
Oracle today shipped a new major release, VirtualBox 6.0. See the [Changelog](#) for details.

Click: Download VirtualBox 6.0

Step 010 – Install Virtualbox



The screenshot shows the VirtualBox website's download page. On the left is a sidebar with links: About, Screenshots, Downloads, Documentation (with sub-links for End-user docs and Technical docs), Contribute, and Community. The main content area has the VirtualBox logo and the heading 'Download VirtualBox'. Below this, it states 'Here you will find links to VirtualBox binaries and its source code.' The 'VirtualBox binaries' section includes a license agreement and links to the latest 5.2 builds. The 'VirtualBox 6.0.14 platform packages' section lists links for Windows hosts, OS X hosts, Linux distributions, and Solaris hosts. A red arrow points to the 'Windows hosts' link. Below this, there are links for SHA256 and MD5 checksums, a note about upgrading guest additions, and links for the 6.0.14 Oracle VM VirtualBox Extension Pack and the Software Developer Kit (SDK).

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 6.0.14 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 6.0.14 Oracle VM VirtualBox Extension Pack

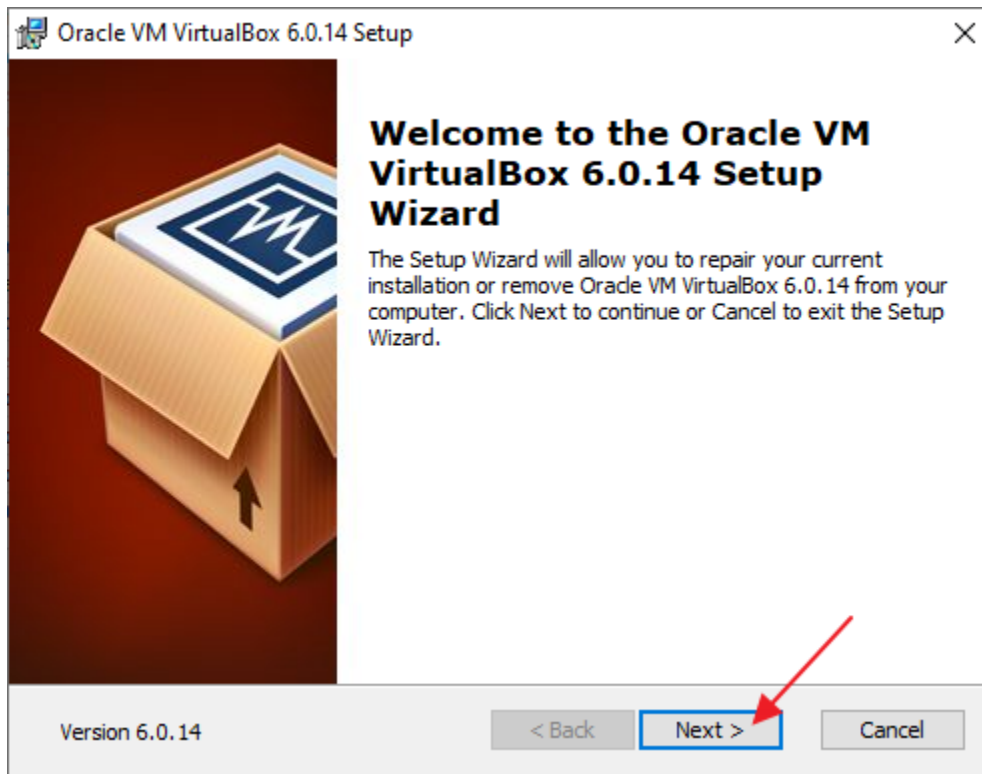
- [All supported platforms](#)

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 6.0.14 Software Developer Kit (SDK)

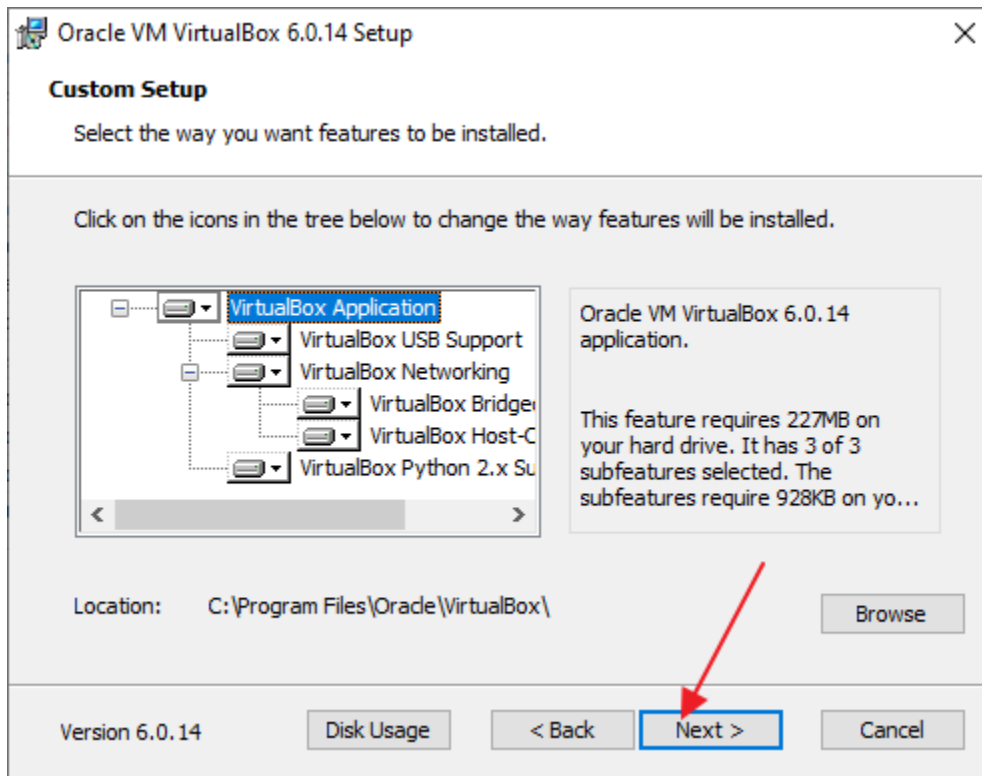
Click: Windows hosts

In your Download folder, click in VirtualBox installer.

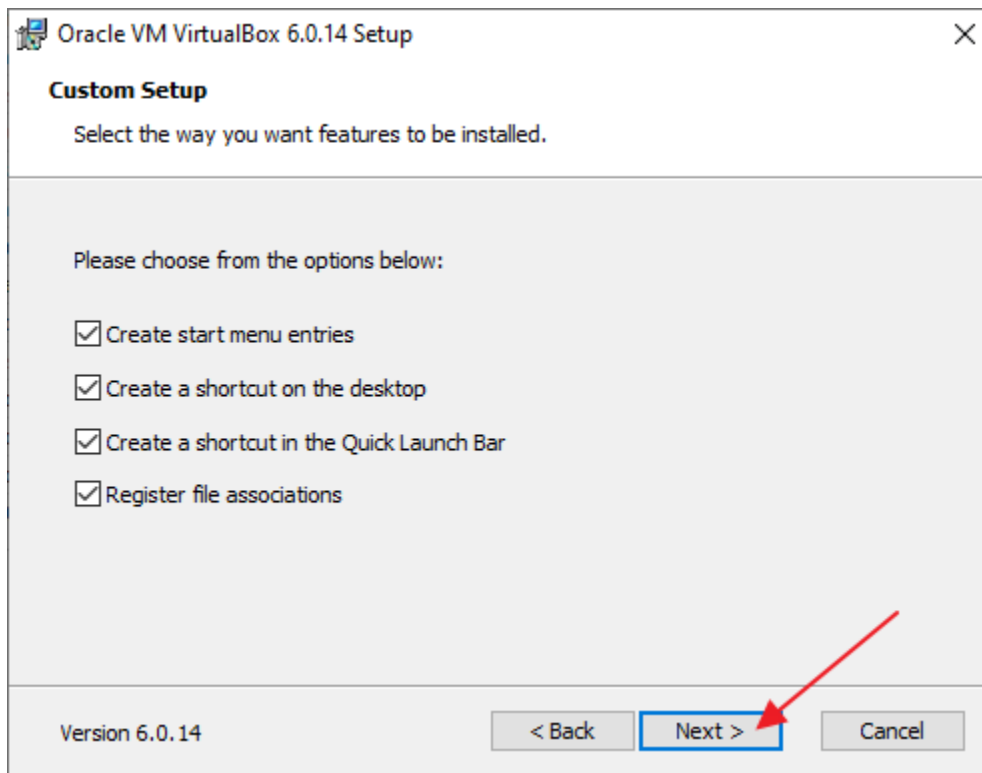


Step 010 – Install Virtualbox

Click: Next

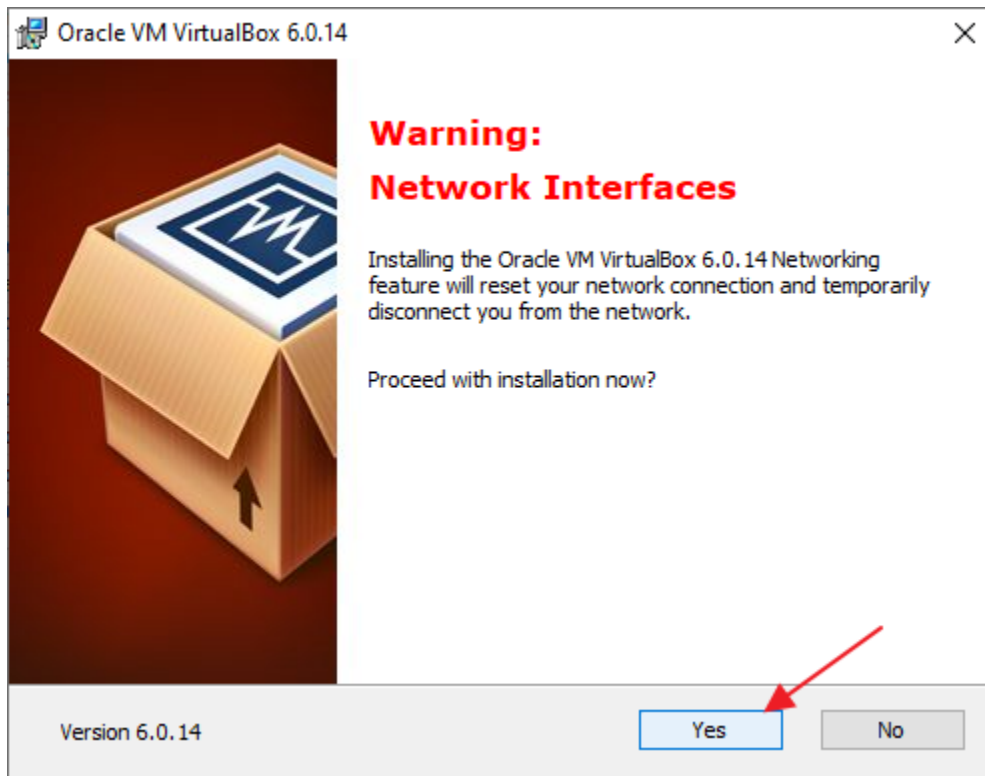


Click: Next

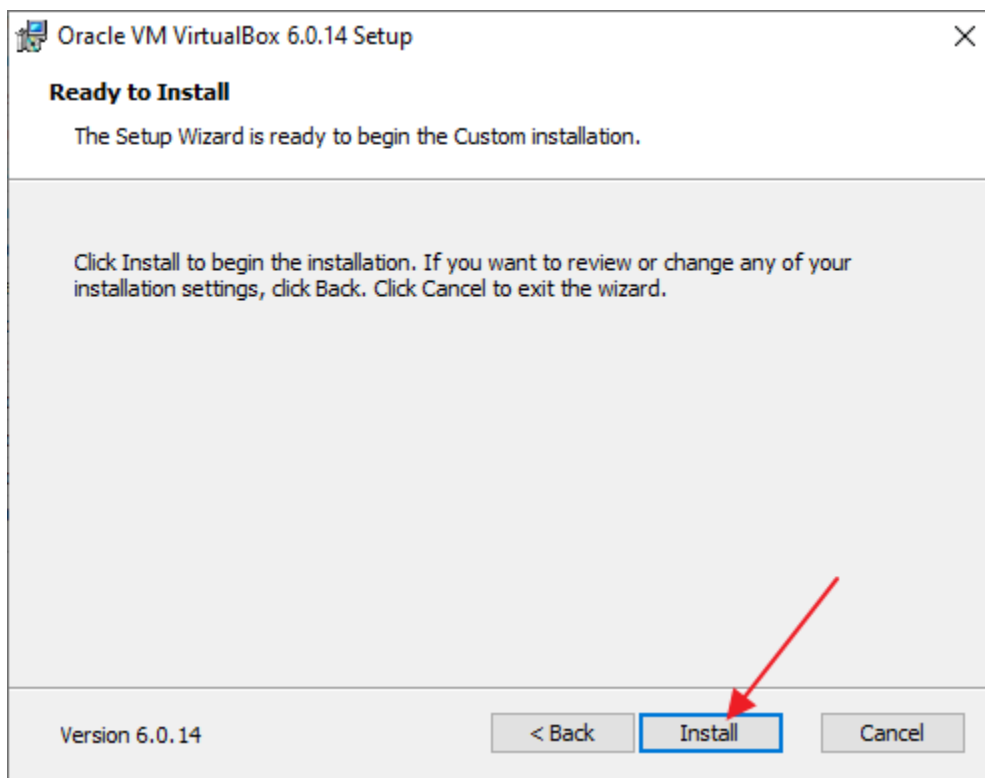


Step 010 – Install Virtualbox

Click: Next

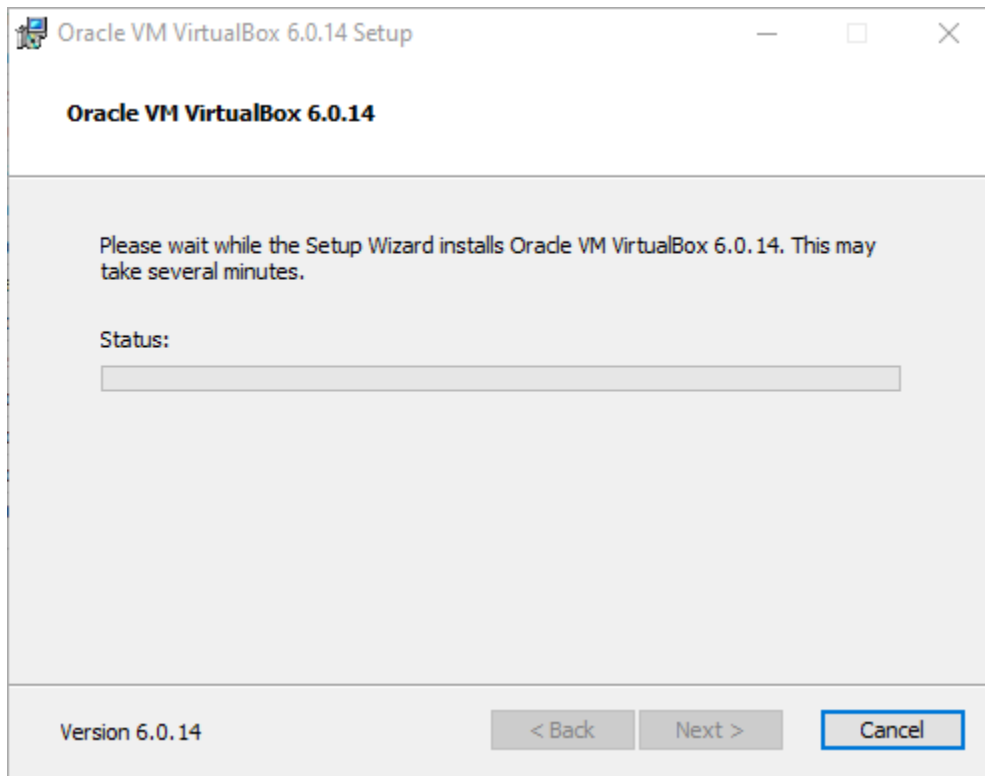


Click: Yes



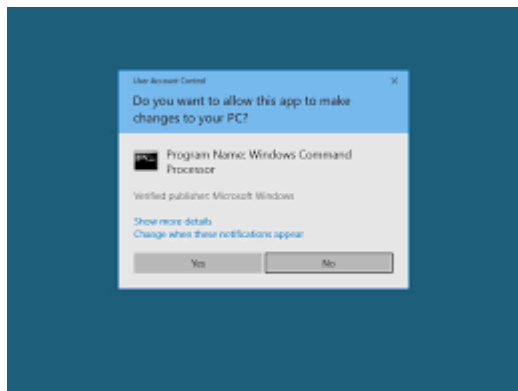
Step 010 – Install Virtualbox

Click: Install



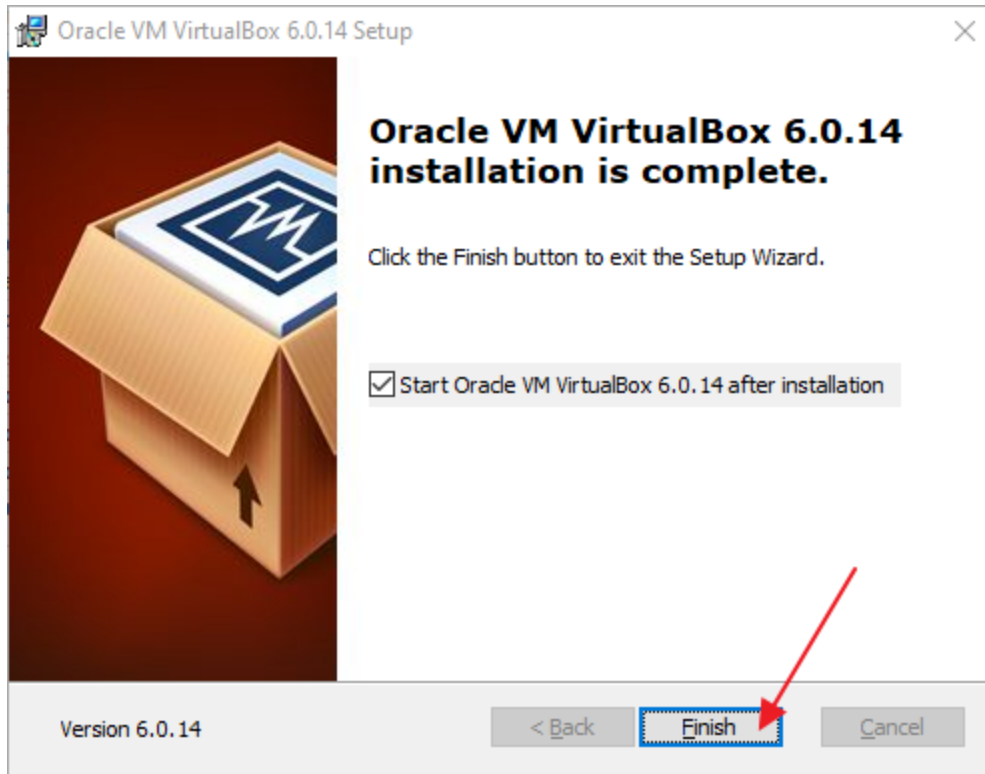
Progress. . .

User Account Control dialog box:



Click: Yes

Step 010 – Install Virtualbox



Click: Finish

To make it easier to access Linux network services from your PC, you need some shared network. There are a couple of options here:

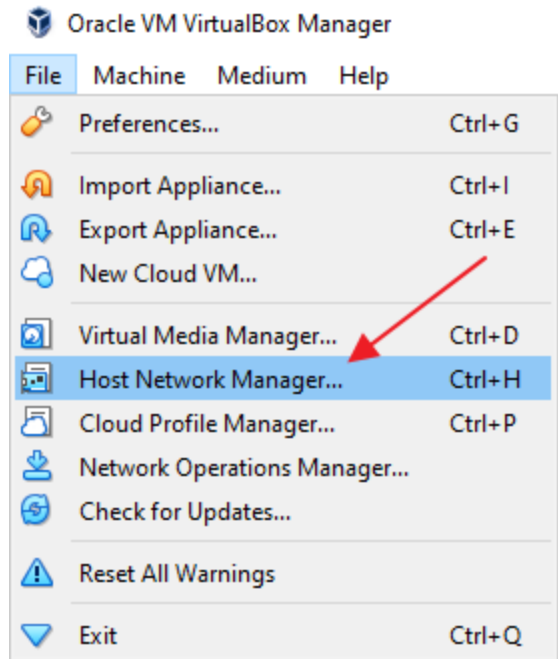
- 1) Create a bridged NIC adapter. This would allow anyone on your network to access the Linux network services on your VM. If that sounds like what you want, you can do that. But, that is a little too much network visibility for my tastes, so I will document using a host-only network.
- 2) Create a host-only network, and a NIC adapter on that network. This allows you to access Linux network services from your PC, but limits the network visibility to just your host (PC).

Here we go

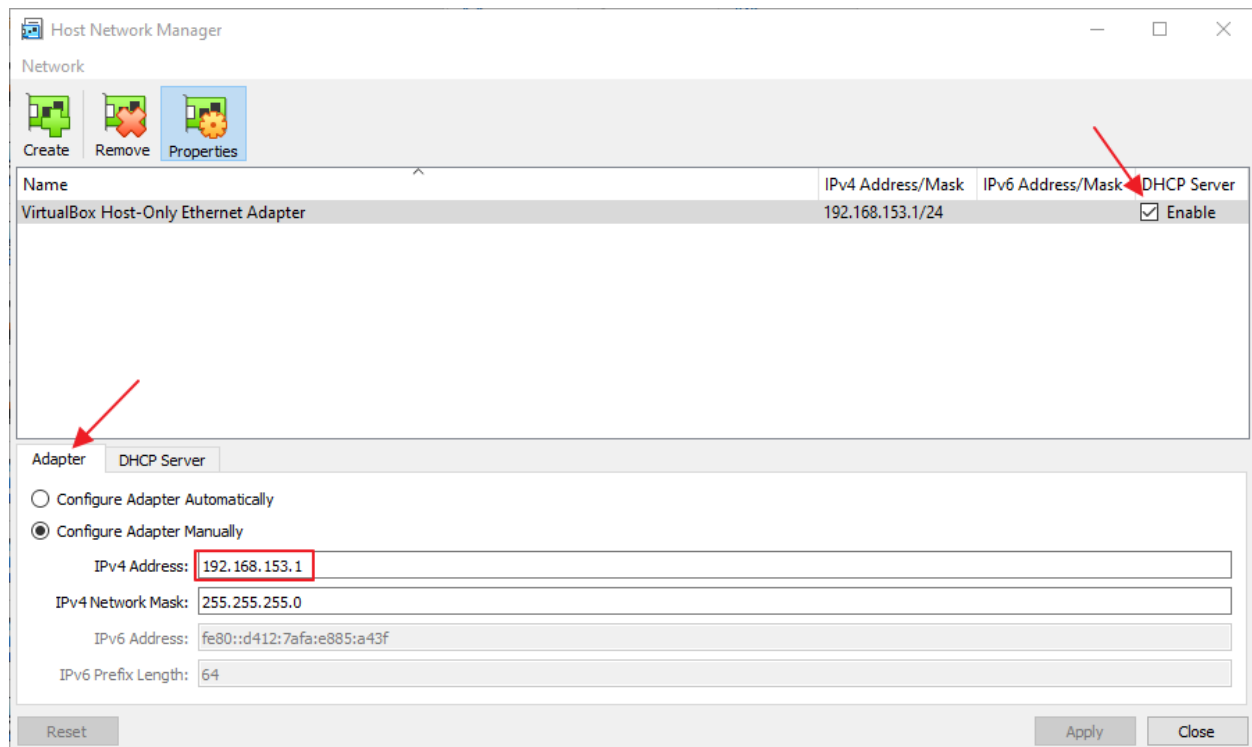
Launch VirtualBox

Go into Host Networking Manager

Step 010 – Install Virtualbox



(This part of the doc uses Virtualbox 6.1, so it looks a little different. Sorry about that. Host-only networking works the same in Virtualbox 6.1 as it does in Virtualbox 6.0).



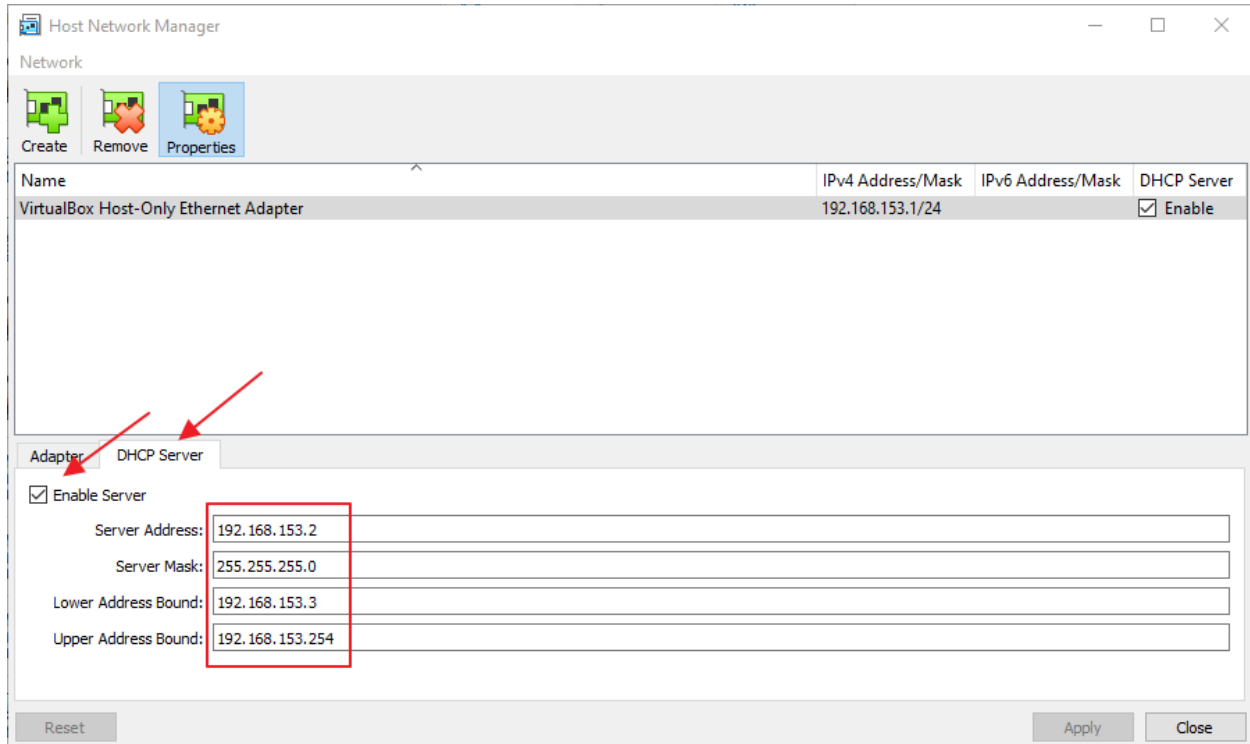
Make sure the host-only network is enabled.

Click: Adapter tab

Step 010 – Install Virtualbox

Select: Configure Adapter Manually

Change the IPv4 address to 192.168.153.1



Click on DHCP Server tab

Check: Enable Server

Fill in the fields as shown.

Click: Apply

Click: Close