

Setting up a Virtual Box on windows computer

*When planning to set up a virtual lab on your personal computer, the first step is to download and install a virtual machine. (a virtual machine is like a platform for other virtualization tools .in this project we will be working with **Oracle Virtual Box***

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Virtualization Overview

Virtualization is a technology that allow us to create virtual(analogous) versions of different operating systems and applications to run on a single computer. With virtualization the number of computers we need to setup will be limited. The benefits of virtualization include cost reduction, scalability and improve efficiency.

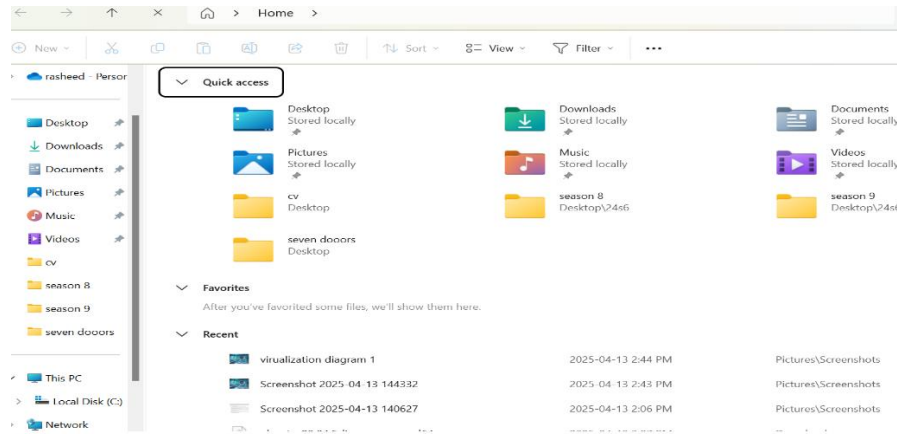
Virtualization diagram



Checking System Capacity

Before installing a software on a computer system, one need to check the capacity of the system in order to prevent error during application installation. There are several ways to do this but we will be using file explorer approach.

- Click on file explorer



- Right click on this **PC** and choose properties, then the system capacity will show up

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System > About

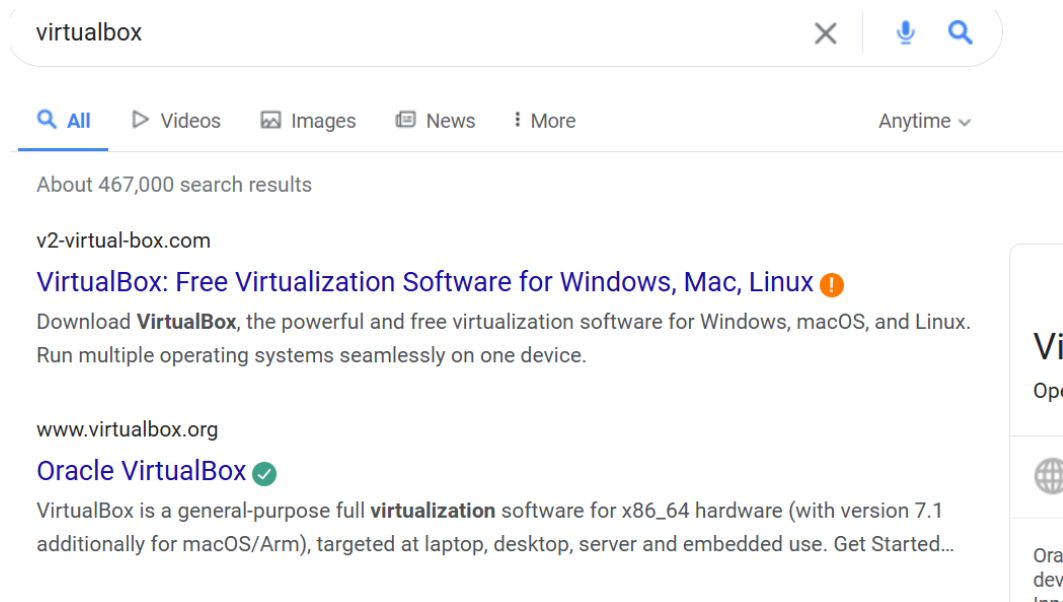
i Device specifications

Device name	rasheed
Processor	AMD Ryzen 5 3500U with Radeon Graphics
Installed RAM	8.00 GB (5.88 GB usable)
Device ID	A0626C74-A8FD-4BF7-A867-9
Product ID	00325-96559-43435-AAOEM
System type	64-bit operating system, x64-based processor
Pen and touch	Pen and touch support with 10 touch points

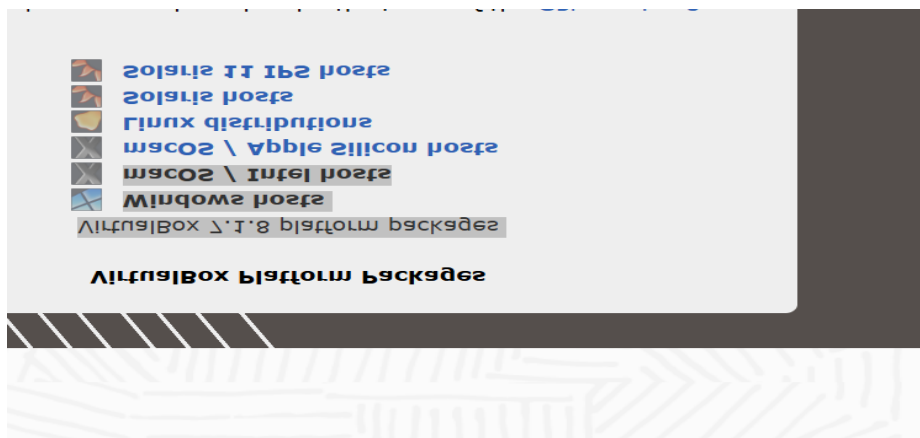
Related links [Domain or workgroup](#) [System protection](#)

Downloading a virtual box

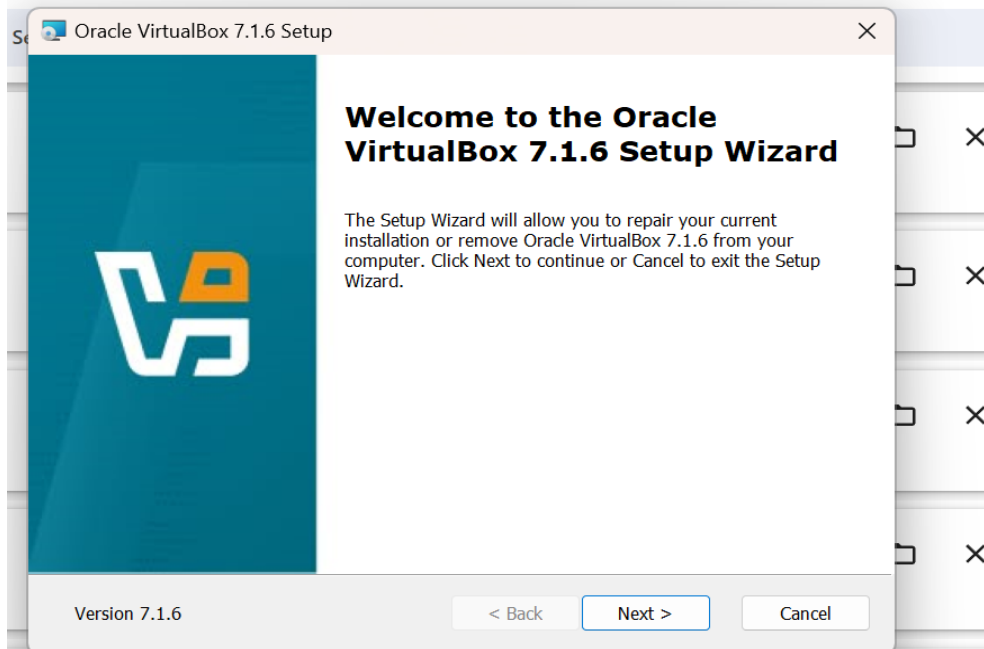
- lunch a **browser** (chrome, opera etc)
- Type in **VirtualBox** on google



- Click on the second link and a new page comes up
- Click on **window hosts**



- Goto downloads and locate **VirtualBox** icon
- Click on **virtual box** to install



- Click on next
- Accept terms and conditions
- Click on finish

