

English Manual For Creating a Virtual Machine with VirtualBox

Creating a virtual machine (VM) can be a great way for beginners to explore computer technology. A virtual machine is like a computer within a computer, allowing you to run different operating systems and software without affecting your main system. In this guide, we'll walk you through the process of creating a virtual machine on a Windows computer using VirtualBox, a popular free and open-source Virtual Machine software.

Step 1: Installing VirtualBox

First thing first, to get started, you must install VirtualBox. Start by downloading the software from the official website (with this link <https://www.virtualbox.org/>) or open your browser and write "download virtual box". Make sure to choose the version compatible with your operating system.

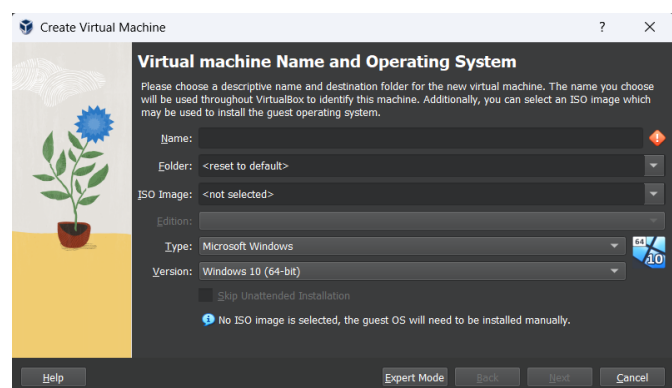
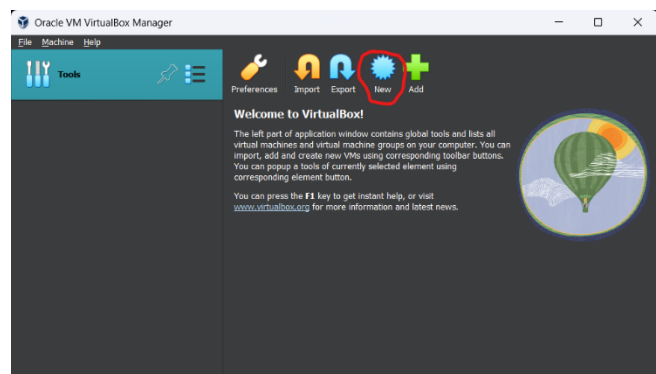


Step 2: Downloading an Operating System Image

Before creating a virtual machine, you should choose an operating system to install on it. For beginners, a user-friendly OS like Ubuntu is recommended. You can download the ISO image file of your chosen OS from its official website. But if you want you can install other system like windows, macOSs...

Step 3: Creating a New Virtual Machine

To set up your VM, you must create a new virtual machine in VirtualBox. Click on "New" and follow the wizard's instructions, give it the name that you want, you have to select the folder where the VM will be store, select the type and the version that you want to use. Provide a name for your VM during this process.

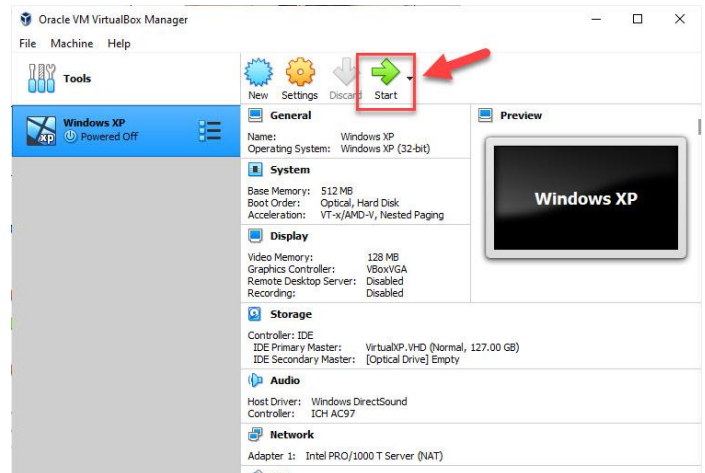


Step 4: Allocating Resources

You should allocate resources to your virtual machine, such as memory (RAM) and hard disk size. For beginners, 2GB of RAM is usually sufficient. You can create a new virtual hard disk or use an existing one.

Step 5: Installing the Operating System

Select your VM in VirtualBox and click "Start." You'll be prompted to choose a bootable ISO image. Select the OS image you downloaded earlier, and follow the on-screen instructions to install the operating system, just like you would on a physical computer.



Step 6: Configuring the VM

After installation, you must configure your virtual machine's settings to suit your needs. Adjust display settings, network configurations, and more as required.

Step 7: Installing VirtualBox Guest Additions (Optional)

For improved performance and usability, you can choose to install VirtualBox Guest Additions. This software enhances integration between the host and guest operating systems.

Step 8: Start Exploring

With your virtual machine set up, it's time to start exploring. Install software, browse the internet, and learn about different operating systems in a safe and controlled environment.

Step 9: Saving and Restoring Snapshots (Optional)

With VirtualBox you can take snapshots of your VM's state at any time. This is useful for creating restore points if you make changes that you want to undo.

Step 10: Shutdown and Backup

To conclude, it's essential to shut down your virtual machine properly when you're done using it. Additionally, creating a backup of your VM's virtual hard disk file is a good practice for safeguarding your work.

Congratulations! You've successfully created a virtual machine. This hands-on experience allows beginners to explore various operating systems and software within a secure environment. Don't hesitate to experiment and learn, knowing that you can always delete and recreate your virtual machine if anything goes wrong. Enjoy your journey into virtual computing!

557 words.