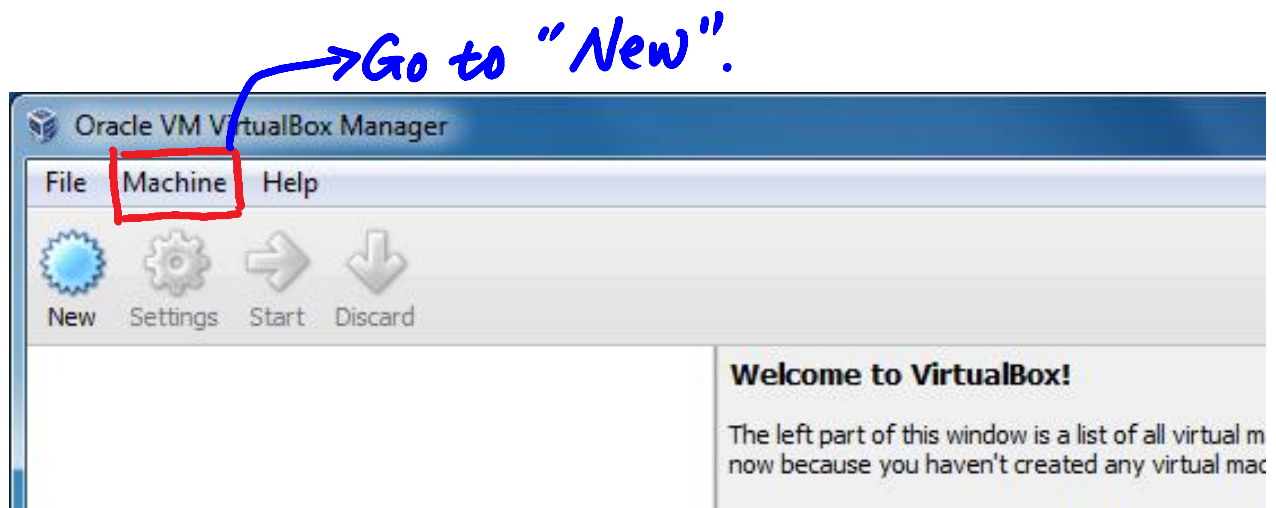
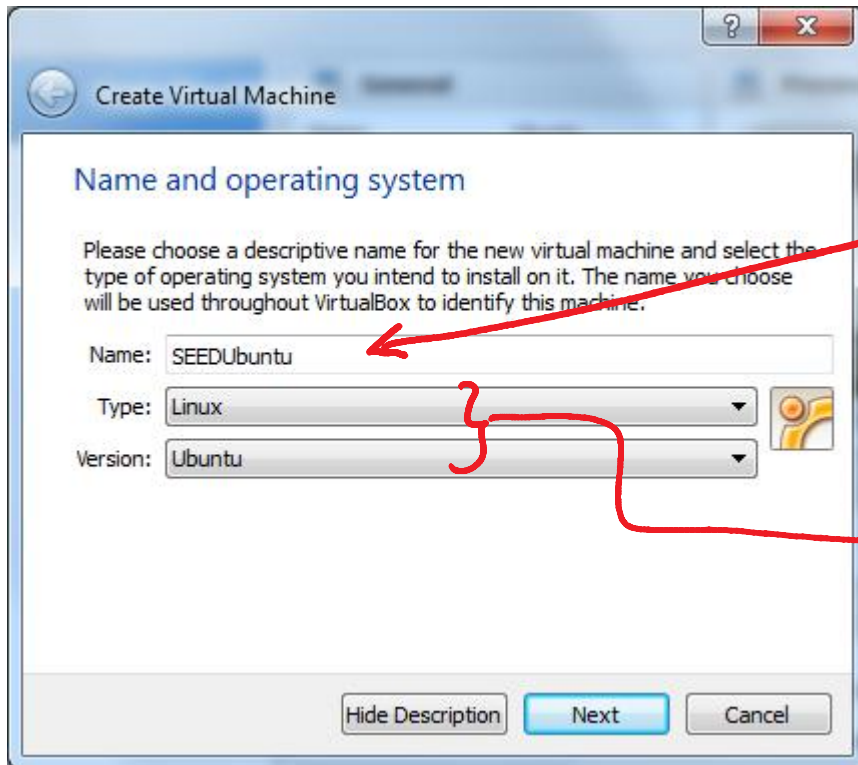


## How to use VirtualBox to Run Our Pre-built VM Image?

The VM image we created is built using VMWare Workstation, but you do not need to use VMWare to run it. This document describes how you can run this VM image using VirtualBox. The instruction is based on VirtualBox 4.2.6.

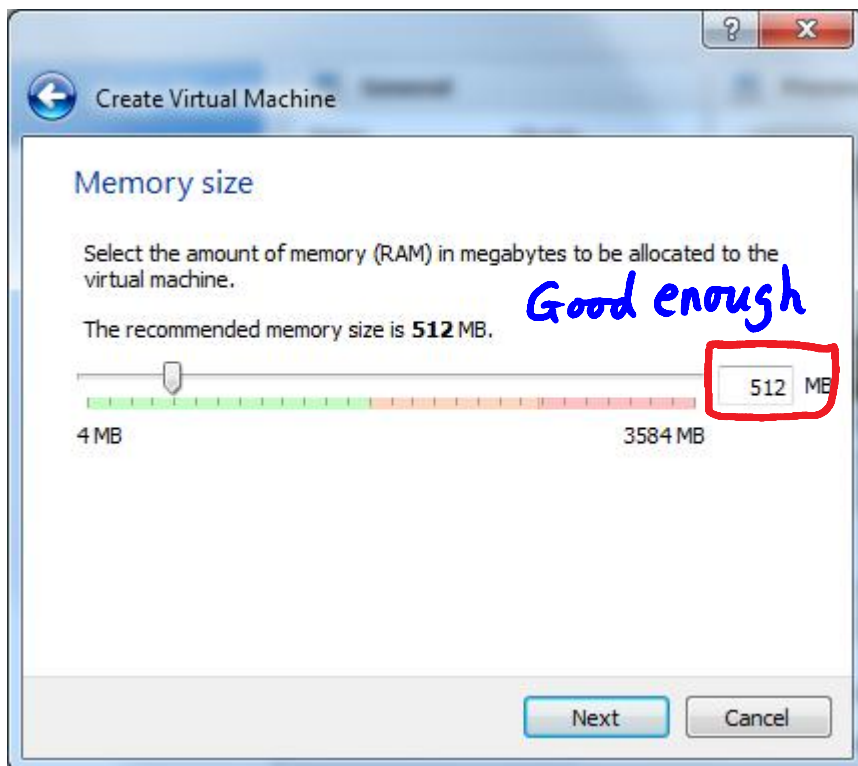
**Step 1: Create a new VM in VirtualBox.**



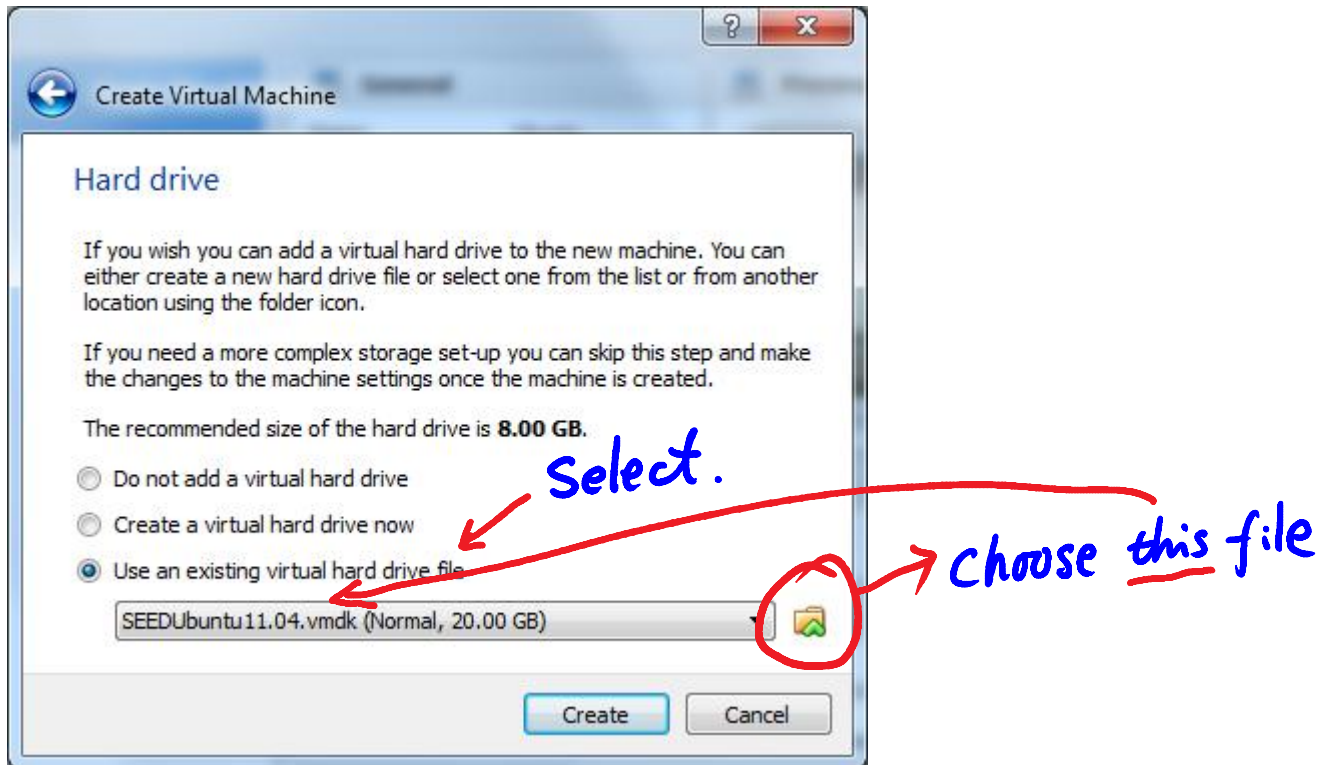
**Step 2: Provide a name and select the OS type.**

Type a name

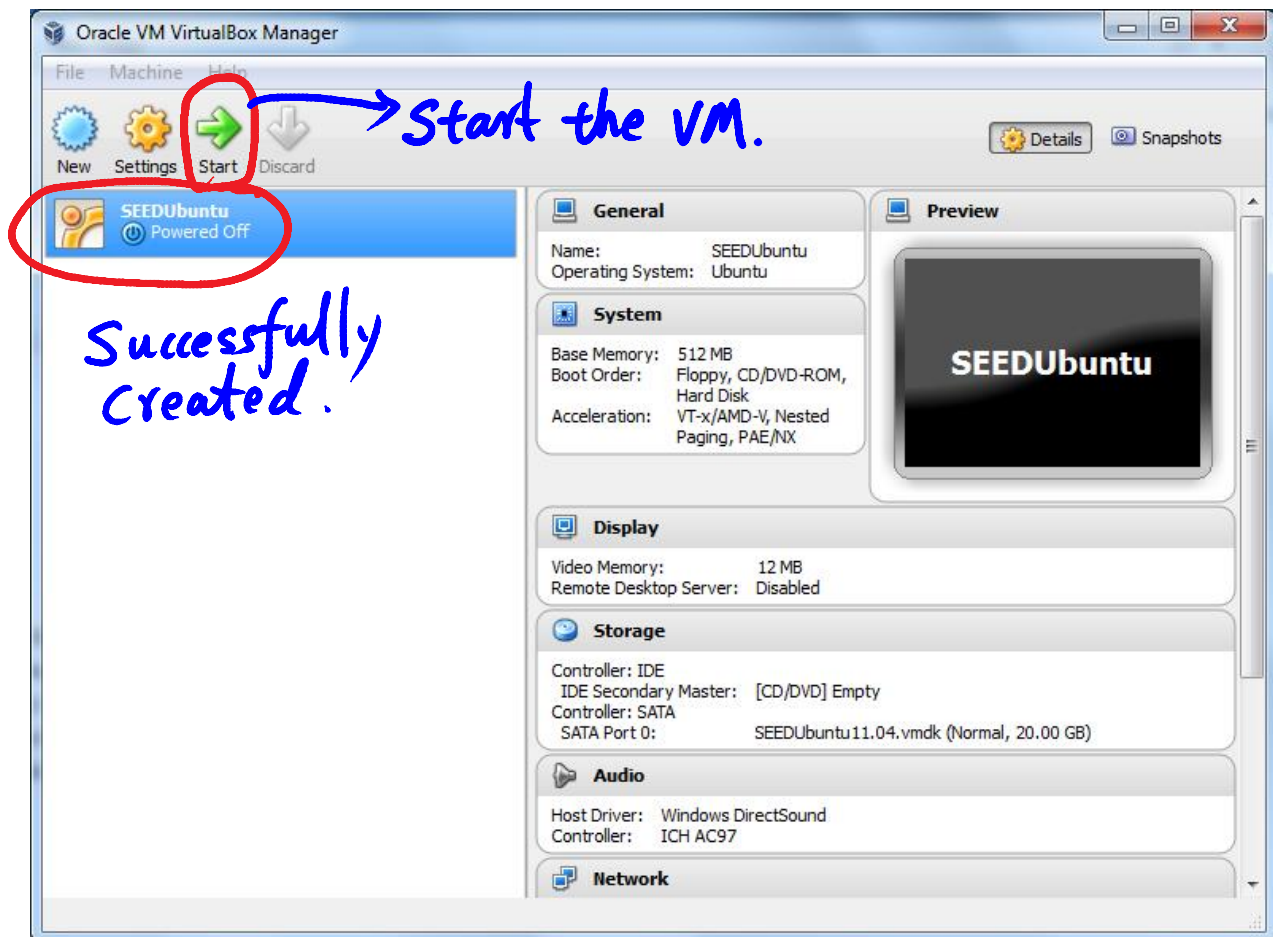
select the OS type.

**Step 3: Set the memory size for this VM.**

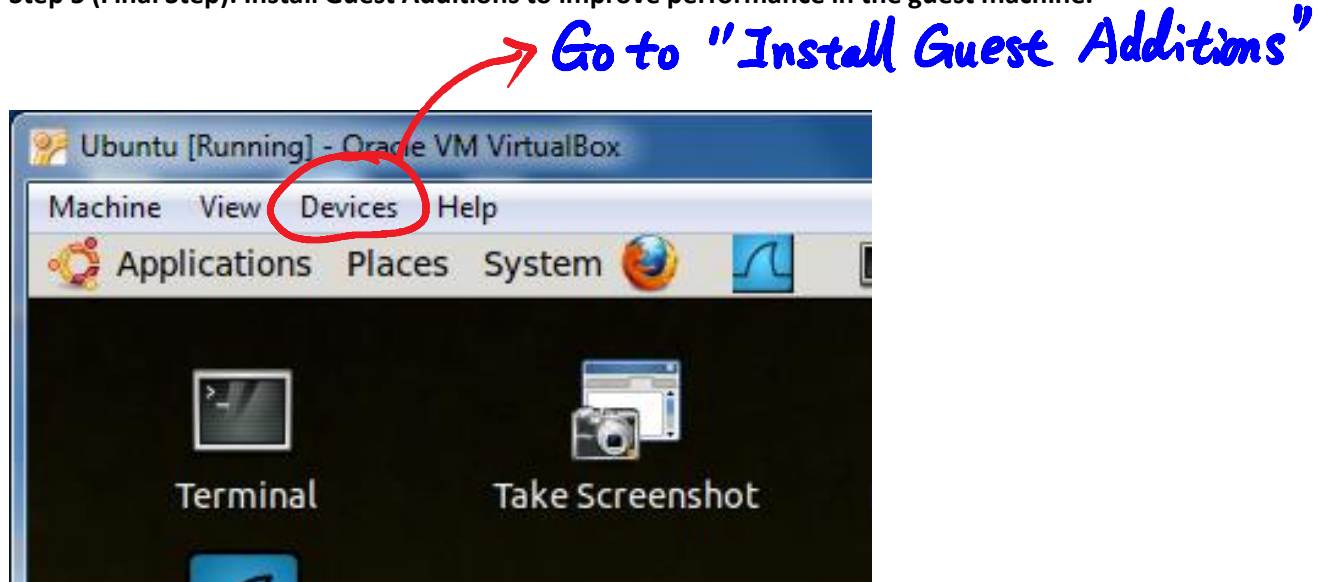
Good enough

**Step 4: Select the hard drive file.****Note:**

- The above instruction assumes that you use our pre-built SEEDUbuntu11.04 image. If you use other VM images that we built, you need to use the corresponding file name.
- Some of the SEED labs require multiple VMs. If you create multiple VMs in VirtualBox, make sure that the virtual hard drive files for different VMs are different, i.e., they cannot share the same vmdk file, or you will have problems.

**Step 5: Start your VM**

**Step 5 (Final Step): Install Guest Additions to improve performance in the guest machine.**



## Frequently Asked Questions

**Question 1:** How come my host machine cannot reach my VM in VirtualBox?

**Question 2:** Why do my two VirtualBox VMs have the same IP address?

If these are the issues that you have encountered, you need to read another document that we wrote. Its title is *“Network Configuration in VirtualBox for SEED labs”*. It can be downloaded in the following URL:

[http://www.cis.syr.edu/~wedu/seed/Documentation/VirtualBox/VirtualBox\\_MultipleVMs.pdf](http://www.cis.syr.edu/~wedu/seed/Documentation/VirtualBox/VirtualBox_MultipleVMs.pdf)