

Installing Linux Using a VirtualBox Image

Abbreviated Instructions

- Install VirtualBox
- Download a Linux VDI (Virtual disk Image)
- Extract the VDI
- Create a new Virtual Machine
- Use the VDI for the hard drive

Step by Step Instructions

- Download and Install VirtualBox
 - <http://www.virtualbox.org>
- Download and install a program that will extract the contents of RAR archives.
 - Windows
 - <http://fwinunrar.sourceforge.net/>
 - Mac
 - <http://www.unrarx.com/>
- Download the VDI (Virtual Disk Image)
 - CentOS
 - [CentOS Download Page](#)
 - [Direct Download Link for CentOS 6.5](#)
 - Username: adminuser
 - Password: adminuser
 - Root password: adminuser
 - Ubuntu
 - [Ubuntu Download Page](#)
 - [Direct Download Link for Ubuntu 13.10](#)
 - Username: adminuser
 - Password: adminuser
 - Root password: No root password. Use “sudo su - “ and use adminuser for the password
- Extract the RAR file contents
 - Windows
 - Right click on the rar file and click on “extract” from the menu.
 - Mac
 - Double click on the rar file to extract the contents.

- Optional - Move the VDI to the directory where VirtualBox Disk Images are stored.
 - You can find the default location by looking at VirtualBox's Preferences. For Windows, go to the File menu and click on Preferences. For Mac, go to the VirtualBox menu at the right and click on Preferences.
 - Windows default VDI folder:
 - C:\Users\your-username\Virtualbox VMs
 - Mac default VDI folder:
 - /Users/your-username/Virtualbox VMs
- Create a New Virtual Machine in VirtualBox using the uncompressed VDI file as the Hard Drive
 - Run VirtualBox
 - Click the "New" button
 - Enter the name "centos" or "ubuntu"
 - The OS Type should automatically be selected. If it is not, use "RedHat" for CentOS, as CentOS is a RedHat derivative. Use "Ubuntu" for ubuntu.
 - Click on "Continue"
 - On the "Memory size" screen, click "Continue"
 - On the Hard Drive screen select the radio button labeled "Existing"
 - Click on the folder icon
 - Navigate to the VDI. Select the "CentOS-6.5-i386-Desktop.vdi" or "ubuntu-13.10-desktop-i386.vdi" file that was extracted in the previous steps and click "Open."
 - Back at the Hard Drive screen click "Create"
- Start the Virtual Machine
 - Click on the Green Arrow

Welcome to Linux!

Resources

VirtualBox

<http://www.virtualbox.org>

VirtualBox Virtual Disk Image Websites

<http://virtualboximages.com/>

<http://virtualboxes.org/>

Recommended VirtualBox Images

CentOS and Ubuntu are two of the most popular Linux distributions available. It is recommended that you choose one to use with this course.

CentOS

<http://virtualboximages.com/CentOS+6.5+i386+Desktop+VirtualBox+VDI>
[Direct Download Link for CentOS 6.5](#)

Username: adminuser
Password: adminuser
Root password: adminuser

Ubuntu

<http://virtualboximages.com/Ubuntu+13.10+i386+VirtualBox+VDI+Virtual+Appliance>
[Direct Download Link for Ubuntu 13.10](#)

Username: adminuser
Password: adminuser
Root password: adminuser

UnRAR

<http://www.unrarx.com/> - For Mac

<http://fwinunrar.sourceforge.net/> - For Windows