

Installing VirtualBox on Ubuntu Linux

Spoken Tutorial Project

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Script: NVLI & Spoken Tutorial Team

Video: Praveen S, Narration: Nancy Varkey

IIT Bombay

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Learning Objectives



Learning Objectives

- ▶ **Install** VirtualBox **on** Ubuntu Linux 16.04 OS



System Requirements



System Requirements

- ▶ Ubuntu Linux 16.04



System Requirements

- ▶ Ubuntu Linux 16.04
- ▶ VirtualBox 5.2



System Requirements

- ▶ Ubuntu Linux 16.04
- ▶ VirtualBox 5.2
- ▶ gedit **text editor**



VirtualBox

- ▶ Free and Open Source Software
for Virtualization



VirtualBox

- ▶ Free and Open Source Software **for** Virtualization
- ▶ **Allows us to install and use multiple OS in your** base machine (host)



VirtualBox

- ▶ Free and Open Source Software **for** Virtualization
- ▶ **Allows us to install and use multiple OS in your** base machine (host)
- ▶ Base machine **can have either** Windows, Linux **or** MacOS



System Requirements - VirtualBox



System Requirements - VirtualBox

- ▶ i3 processor or higher



System Requirements - VirtualBox

- ▶ **i3 processor or higher**
- ▶ **RAM 4GB or higher**



System Requirements - VirtualBox

- ▶ i3 processor or higher
- ▶ RAM 4GB or higher
- ▶ Hard disk free space 50GB or more



System Requirements - VirtualBox

- ▶ i3 processor or higher
- ▶ RAM 4GB or higher
- ▶ Hard disk free space 50GB or more
- ▶ Virtualization **should be enabled** on BIOS



System Requirements - VirtualBox



System Requirements - VirtualBox

- ▶ Ubuntu Linux 14.04



System Requirements - VirtualBox

- ▶ Ubuntu Linux 14.04
- ▶ Ubuntu Linux 16.04



System Requirements - VirtualBox

- ▶ Ubuntu Linux 14.04
- ▶ Ubuntu Linux 16.04
- ▶ Ubuntu Linux 18.04



Code Files

- ▶ **The commands used in this tutorial are available in the Code Files link below the player**



Note

- ▶ **Before installing VirtualBox, we have to ensure that Virtualization is enabled on our machine**



Virtualization

- ▶ **If Virtualization is not enabled, kindly enable it in BIOS settings**



Virtualization

- ▶ **If Virtualization is not enabled, kindly enable it in BIOS settings**
- ▶ BIOS settings **vary from computer to computer, we cannot show a demo of the same**



Virtualization

- ▶ **If Virtualization is not enabled, kindly enable it in BIOS settings**
- ▶ BIOS settings **vary from computer to computer, we cannot show a demo of the same**
- ▶ **Kindly do this with the help of a System Administrator**



Virtualization

- ▶ **If the option Virtualization is not available in the BIOS**



Virtualization

- ▶ **If the option Virtualization is not available in the BIOS**
- ▶ **Then we cannot install VirtualBox in that machine**



Summary

- ▶ **To check if Virtualization is enabled**
- ▶ **Install VirtualBox in Ubuntu Linux 16.04**



About the Spoken Tutorial Project

- ▶ Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, please write to contact@spoken-tutorial.org



Forum for Specific Questions

- ▶ Do you have questions in **THIS Spoken Tutorial?**
- ▶ Please visit <http://forums.spoken-tutorial.org>
- ▶ Choose the minute and second where you have the question
- ▶ Explain your question briefly
- ▶ Someone from our team will answer them



Acknowledgements

- ▶ Spoken Tutorial Project is a part of the Talk to a Teacher project
- ▶ It is supported by the National Mission on Education through ICT, MHRD, Government of India
- ▶ More information on this Mission is available at

<http://spoken-tutorial.org/NMEICT-Intro>



Thank You

Thanks for joining
<http://spoken-tutorial.org>

