

# openSUSE Setup Instructions On VirtualBox

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## Abstract

This set of instructions is intended to provide a step-by-step guide to install openSUSE on a VirtualBox. openSUSE is a free distribution of Linux software. It is strongly encouraged that a recent and full backup of the computer system for which the installation will be conducted on is available and has been inspected.

This check list has been tested on a limited set of operating systems and installations. So far the configurations that have been tested include the following: VirtualBox/openSUSE\_13.2. Specific instructions for unique configurations will be provided throughout as applicable.

This check list, and other similar instructions are available for download from the NCAT webpage at [mintaka.sdsu.edu/faculty/chorst/NCAT.html](http://mintaka.sdsu.edu/faculty/chorst/NCAT.html).

## 1 Which Processor Do You Have?

- Rt-Click Computer / Properties**

## 2 Download A Disc Image Of openSUSE

It is best practice to download very large files with BitTorrent. BitTorrent is a peer-to-peer file sharing. To use BitTorrent you must have a BitTorrent client. Just download BitTorrent from [www.bittorrent.com](http://www.bittorrent.com). Make a note of the file name and the download location.

- Download openSUSE [opensuse.org](http://opensuse.org) / (.) **BitTorrent** / (.)**64 Bit PC** / **Download DVD**

## 3 Open VirtualBox

- dbl-click icon**

## 4 Create A Virtual Machine

- Click **New** *blue star*
- Name: **openSUSE13.2** / **NEXT**
- Ram: Set to be 1/2 of available. Hopefully a minimum of 2GB.
- (.) Create a virtual hard disk now / **CREATE** / (.) **VDI** / **NEXT** / (.) Dynamically allocate / **NEXT** / **~20GB** hard drive / **CREATE**  
*A minimum of 20GB is recommended. Again choose 1/2 of your existing hard drive if possible.*

## 5 Load The Disk Image

- SETTINGS** / **STORAGE** / **Controller:IDE** / **EMPTY**
- Attributes** / **Optical Drive** / **CD ICON** / **Virtual Optical Disk File**
- Navigate to locate the download Ex: **openSUSE-13.2-DVD-x86\_64.iso**
- OPEN** / **OK**

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Note for interpreting this check sheet: **BOLD** text denotes an action or location such as a choose a radio button or look in a window. A forward slash "/" separates choices. Items underlined are to be typed in. Items both underlined and in *italic* are to be typed in, however the actual values will differ.

Please contact Chuck Horst at [jhorst@mail.sdsu.edu](mailto:jhorst@mail.sdsu.edu) with any errors, omissions, clarifications, or suggestions.

## 6 Start The Virtual Machine

- START** (green arrow)
- INSTALLATION** (use down arrow to select) / **ENTER** / **ACCEPT**
- Select **Add online repositories before installation** / do not select **Include add-on products from separate** / **NEXT**
- Pick time zone** (click on map) / **NEXT** / **NEXT** / **NEXT**
- (.) KDE Desktop** / **NEXT**
- Enter name and password. Write them down to remember.
- SOFTWARE** click on “software” then make selections:  
**LXDE Desktop Env, XFCE Desktop Env, Console Tools, Base Development**  
Retain any automatically selected choices.
- OK** / **INSTALL** / **INSTALL**
- Install updates