

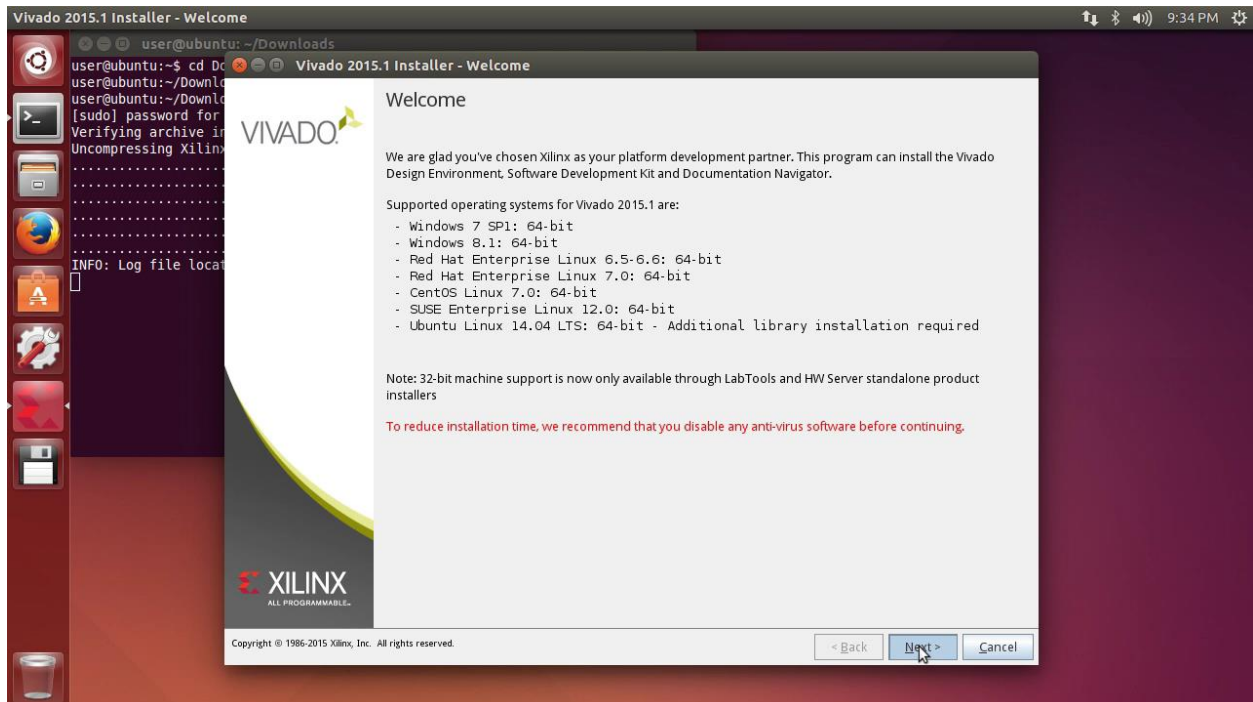
VIVADO Installation Guide on Linux Distro's

There are 3 different method of Installation of VIVADO on Linux Distro's

- i. Installing VIVADO from the "ALL OS Download of VIVADO from Xilinx"
- ii. Installing VIVADO from the "LINUX Installation download of VIVADO from Xilinx"
- iii. Web Installer Download for Linux.

This Three Steps can be detailed as follows:

Note: this tutorial is made up with the Ubuntu 2016.04 LTS and VIVADO 2014.4 & Later, However this steps will works on most of Linux Distro's and any version of VIVADO.



For Similar Reference Tutorial Please Visit: [Xilinx Tutorial for VIVADO 2014.4 with Ubuntu 2014.04 LTS Syfer Tutorial](#) or [UG973 from Xilinx](#) or [Zachpfeffer](#) or [Github](#)]

- i. Installing VIVADO from the "ALL OS Download of VIVADO from Xilinx":
Download, Extract and Install the VIVADO on Ubuntu 2016.04 LTS
 1. Download the File
 2. Extract on the Linux System
 3. Change Directory to the Extracted Location
 4. Use following Commands for Creating the Xilinx Directory on the Opt:
 5. Change Directory to inside the extracted folder
 6. Run this command for the installation

Source the VIVADO to BASHRC for direct opening

7. Steps:

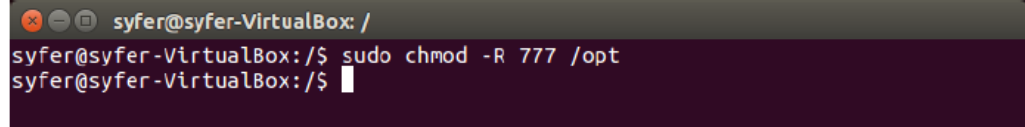
Reference Pictures:

```

28 #####
29 ----Final Steps: Tested on Another PC after long wrestling
30 i. After extracting the xilinx standalone fine at Downloads
31 $cd Downloads
32 $sudo mkdir /opt/Xilinx
33 $sudo chmod -R 777 /opt/Xilinx
34 $cd Xilinx_VIVADO_SDK_Version_Build
35 sudo ./xsetup
    
```

8 Starting Vivado

```
$ sudo chmod -R 777 /opt
```

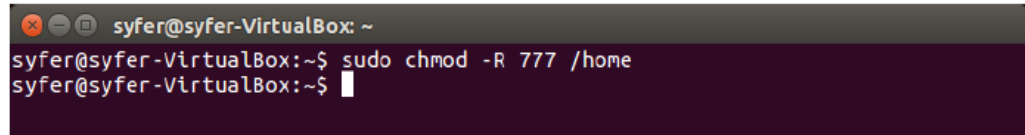


```

syfer@syfer-VirtualBox: /
syfer@syfer-VirtualBox:/$ sudo chmod -R 777 /opt
syfer@syfer-VirtualBox:/$
    
```

Figure 19: Changing permission on opt directory

```
$ sudo chmod -R 777 /home
```

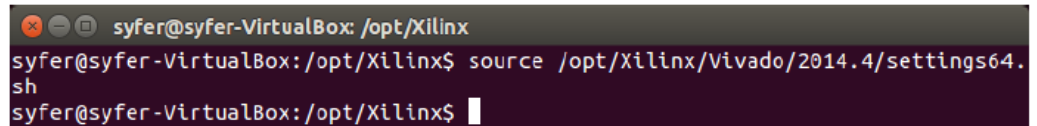


```

syfer@syfer-VirtualBox: ~
syfer@syfer-VirtualBox:~$ sudo chmod -R 777 /home
syfer@syfer-VirtualBox:~$
    
```

Figure 20: Changing permission on home directory

```
$ source /opt/Xilinx/Vivado/2014.4/settings64.sh
```



```

syfer@syfer-VirtualBox: /opt/Xilinx
syfer@syfer-VirtualBox:/opt/Xilinx$ source /opt/Xilinx/Vivado/2014.4/settings64.sh
syfer@syfer-VirtualBox:/opt/Xilinx$
    
```

Figure 21: Sourcing Vivado .sh script

```
$ vivado &
```

- ii. Installing VIVADO from the "LINUX Installation download of VIVADO from Xilinx"
 - 1.
- iii. Web Installer Download for Linux.

Reference Tutorial: [Install Vivado HLx 2017.1 WebPACK on Ubuntu 16.04 | Koheron](#)

- 1. Goto Xilinx.com/downloads
 - 2. Locate your required version of VIVADO from the VIVADO → Archive Section
 - 3.
- iv. References:

1. **Installing/Uninstalling Vivado 2017.4 in Ubuntu 16.04 – TechMuse**
2. **Installing Vivado on Ubuntu VirtualBox – DLatch**
3. **Running Vivado in Ubuntu | Zedboard**
4. **Installing Vivado / SDK 2015.2 under Ubuntu 14.04 – allmyzynquits**
5. [installing xilinx vivado on linux for linux newbies](#)