

# Project 1: Environment Setup

In this exercise you will be working in Ubuntu 16.04 virtual appliance, which is provided with the zip file.

1. Make sure that the file named “**Ethereum Ubuntu.ova**” is present.

This file contains the guest Ubuntu operating system with all the installations necessary to run a full Ethereum Node.

To execute this file, you will need to install Oracle VM virtual box

2. Download Oracle VM virtual box from this link:  
<https://www.virtualbox.org/wiki/Downloads>.  
*2.1. (In Windows OS) Run the file as Administrator to install, otherwise the virtual machine may not connect to Internet.*

Now you will need to install **Ethereum Ubuntu.ova** on the virtualBox you just downloaded.

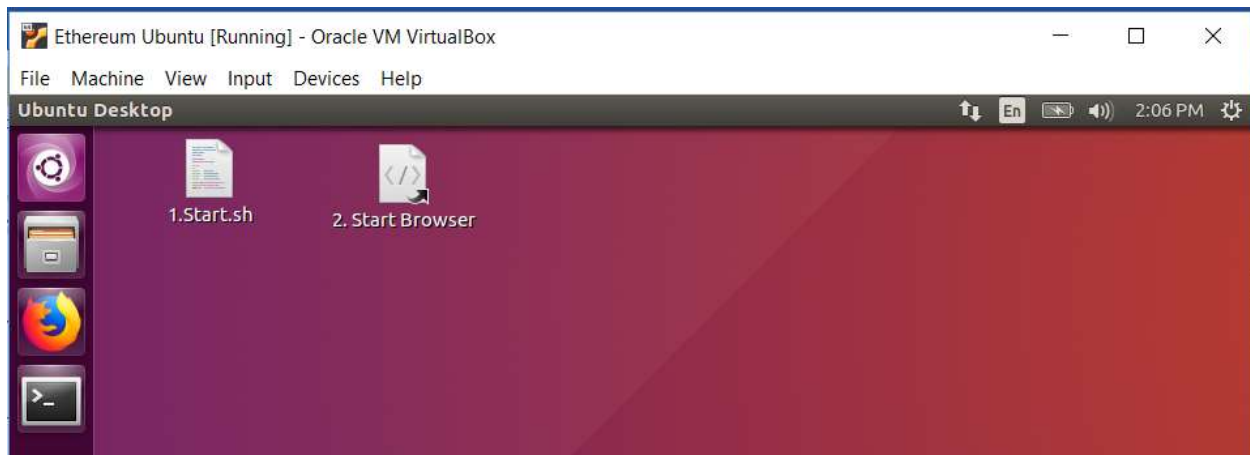
3. Open virtualBox
4. File->Import Appliance
5. Browse for "Ethereum Ubuntu.ova" file
6. open->Next->Check "Reinitialize the MAC address all network cards"-> Import

The above steps imports Ethereum Ubuntu appliance on the virtual box.

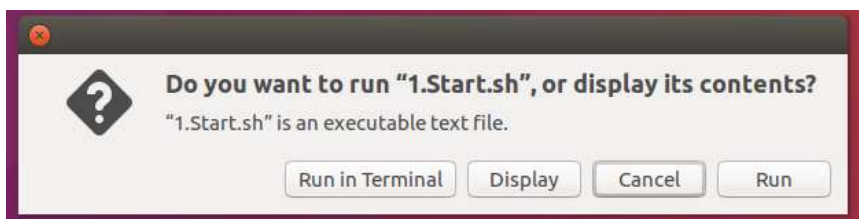


To power on the Ethereum Ubuntu appliance, double click on the Ethereum Ubuntu icon.

**Password : ubuntu**

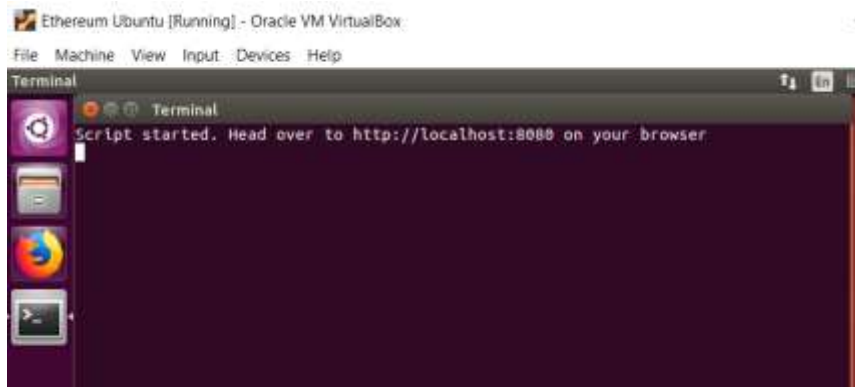


7. Once the Ethereum Ubuntu Appliance is started, double click on the file named "1.Start.sh"

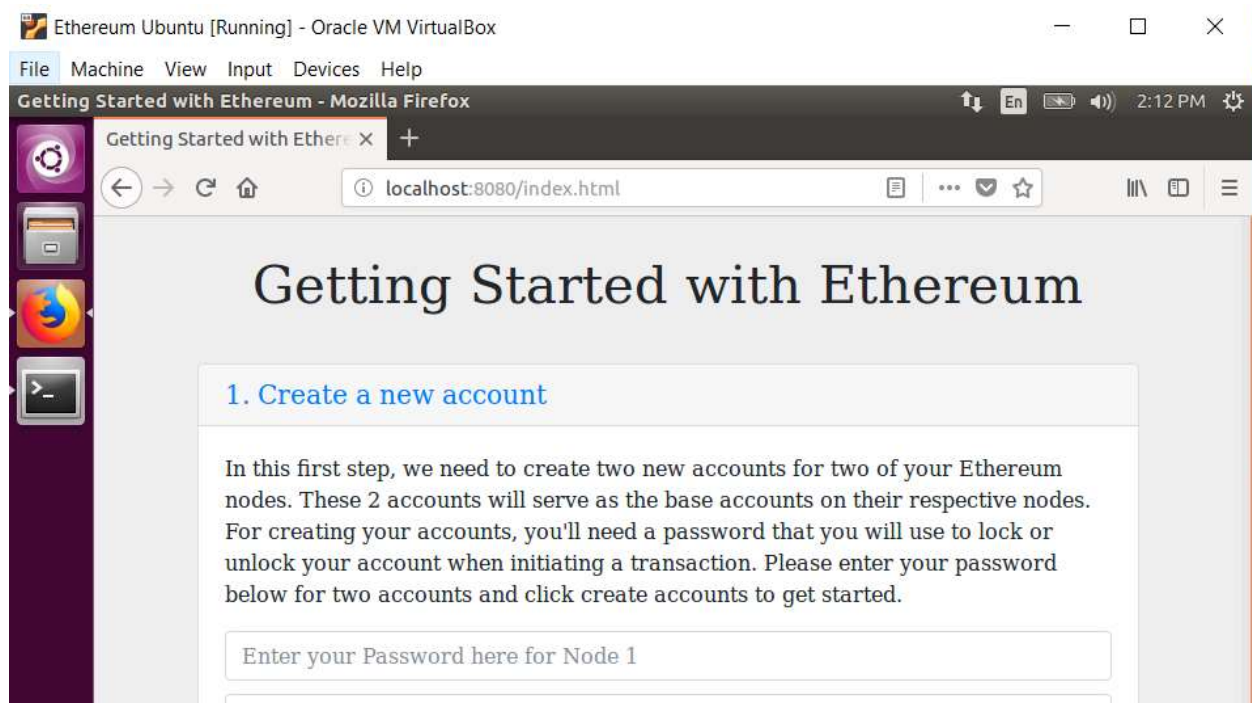


8. Click on "Run in Terminal"

Note: This will start the terminal in few seconds. Please do not close the terminal till the end of the exercise.



9. Minimize the terminal (Do not close it), and double click on the shortcut file named "2. Start Browser".



Now you are ready to proceed with the Project 1....