

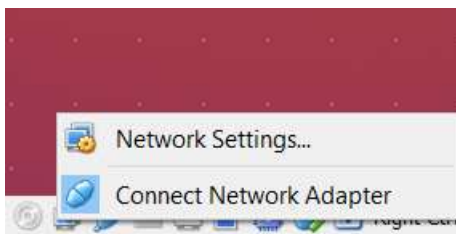
## **Troubleshooting Tips for Project 1**

- 1) Unable to start Virtual Machine in windows 10 / Virtual machine keeps crashing.

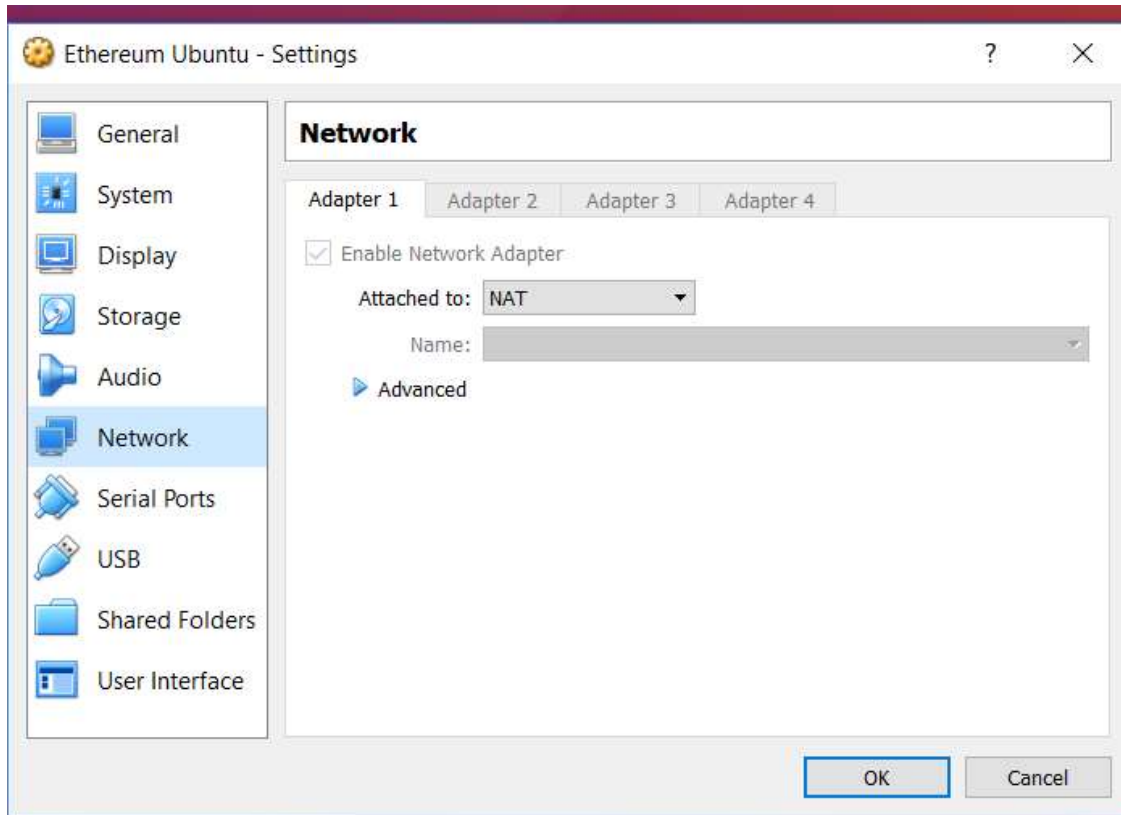
In case you face such issue, follow the guide given on this [link](#), to disable hyper-v on Windows, and restart the virtual machine.

- 2) Change network setting to NAT in case you are not able to connect to Internet from VM.

Click on network icon at bottom left corner of virtual box to access network settings

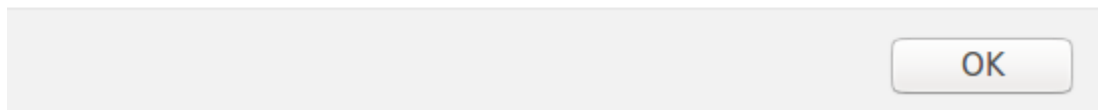


Change the Attached network to NAT



3) If you get the below message on starting the browser,

You have already configured Ethereum. Please choose options below.



, this means your Nodes are already set up.

Click ok and select options to either clean everything, or continue with the existing node.

# Getting Started with Ethereum

It looks like that you've already set up Ethereum completely or had at least initiated the process. You may choose from one of the following options below to proceed.

Start Ethereum and Move to Part 2

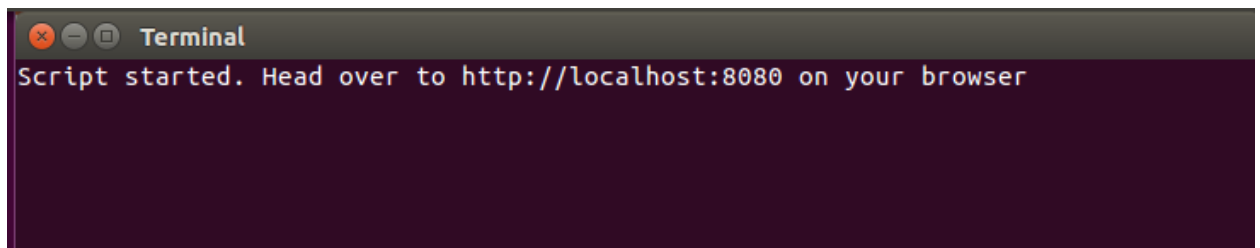
Move to Part 2

Delete Everything and start Fresh

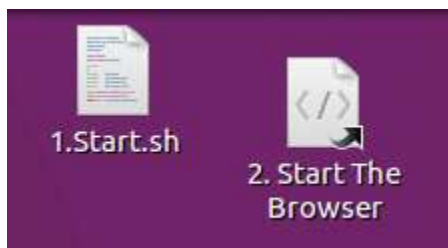
**Warning:** Doing so will delete all the Ethereum node data including your accounts and your account balances. Only do so if you are willing to lose all of it.

- 4) In case everything freezes,

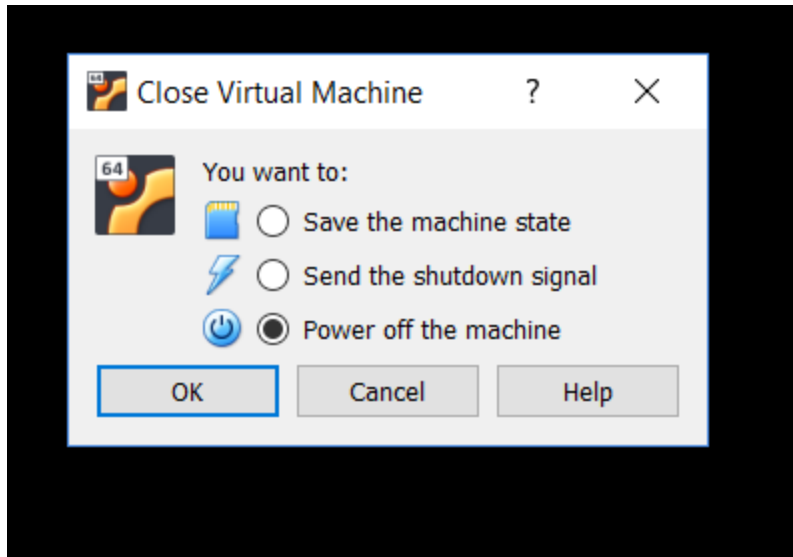
Close the terminal



Close the browser, and start by executing the “Start.sh” followed by “Start the browser”.



- 5) To turn off the VM completely, close the VM from the [x] button on top right or top left of the window.



Chose the option to power off the machine.

- 6) In case you are using Symantec antivirus try adding the port to firewall rules

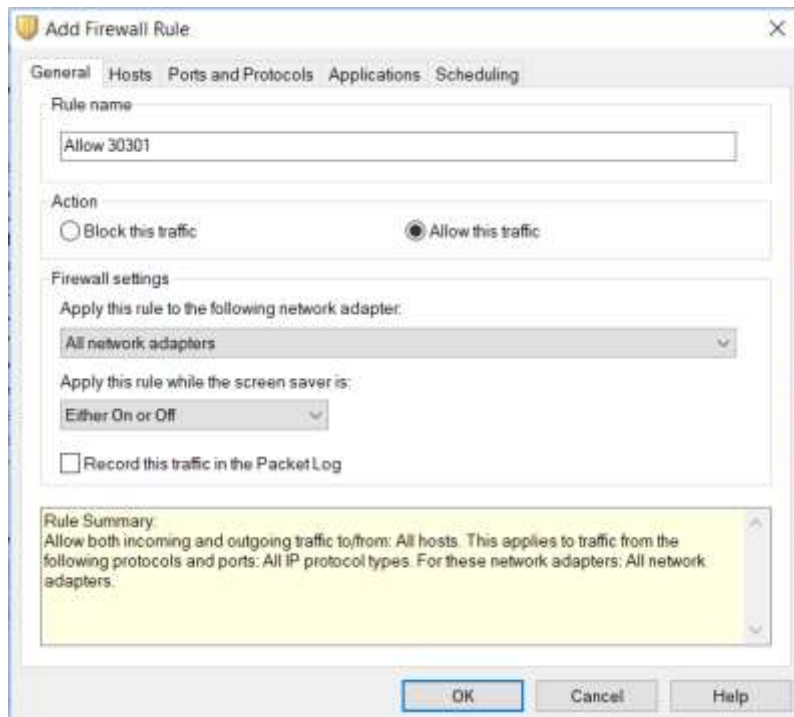
For this exercise you will need to add ports 30301 and 30302 to the firewall rules. Follow the instructions given in the screenshot to do so.



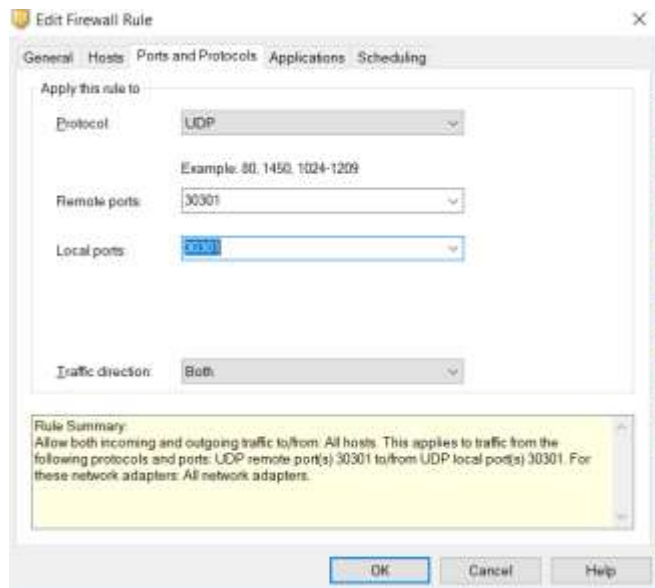
Click on **Add** button and type in the details as in the screenshot in the **General** tab

You can change the port number as you like but make sure to use this port while connecting.

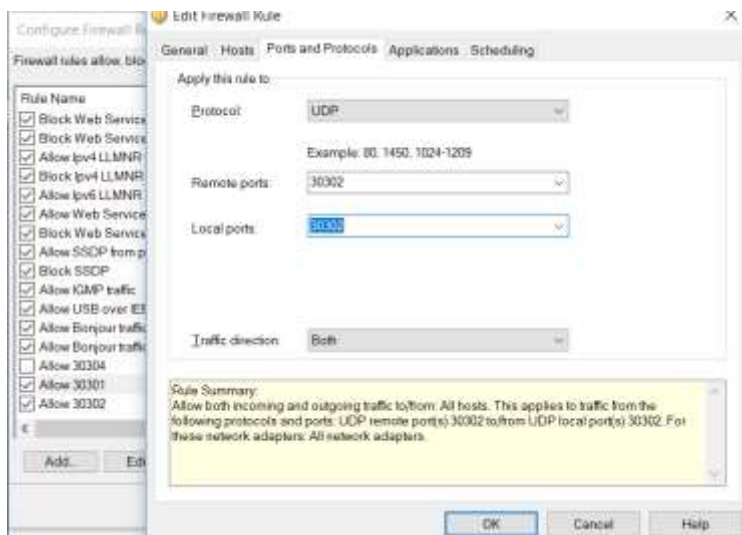
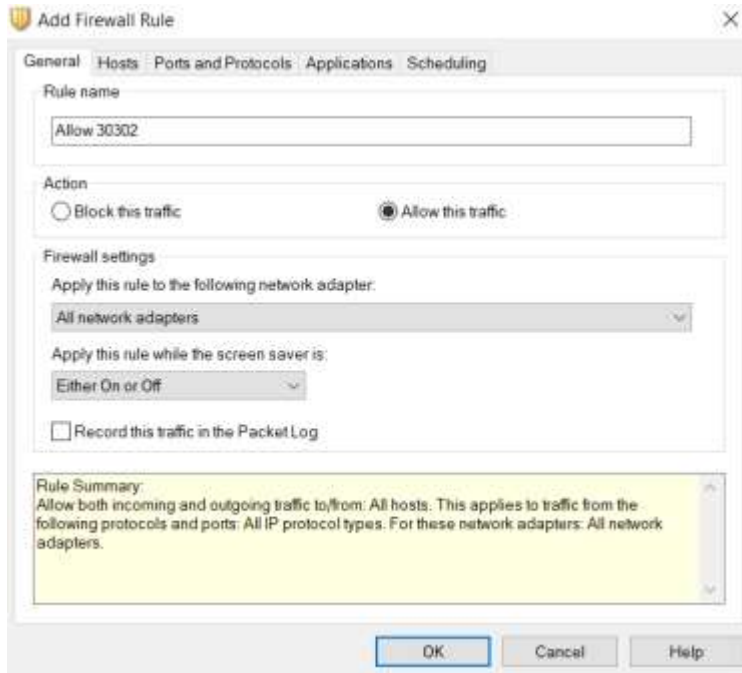
Add firewall rule for port 30301.



Make changes in the **Ports and Protocols** tab. Click Ok.



Similarly add rule for port 30302 and make changes in the **Ports and Protocols** tab. Click Ok to save the settings.



- 7) In case you obtain “**VT-x/AMD-V hardware acceleration is not available on your system" error.**” follow the instructions in the given video.

<https://www.youtube.com/watch?v=XgF7RiXs43k>