**APPENDIX**

* You need Ubuntu environment to do the task
* Download the Ubuntu image from /home/getrg/Arfin\_spark\_setup folder and download the predix-ubuntu-docker.ova file
* Setup the virtual env using virtual box by importing the .ova file
* For network issues in virtual environment follow the below mentioned steps
  + Open the file vim /etc/default/docker
  + Paste the following changes in that file

# If that does not suit your needs, try a systemd drop-in file, as described in:

# https://docs.docker.com/v1.11/engine/admin/systemd/#custom-docker-daemon-options

DOCKER\_OPTS="--dns 3.209.92.35 --dns 3.209.48.39"

# If you need Docker to use an HTTP proxy, it can also be specified here.

#export http\_proxy="http://127.0.0.1:3128/"

export RSYNC\_PROXY=cis-india-pitc-bangalorez.proxy.corporate.ge.com:80

export HTTP\_PROXY=https://cis-india-pitc-bangalorez.proxy.corporate.ge.com:80

export HTTPS\_PROXY=https://cis-india-pitc-bangalorez.proxy.corporate.ge.com:80

export http\_proxy=https://cis-india-pitc-bangalorez.proxy.corporate.ge.com:80

export https\_proxy=https://cis-india-pitc-bangalorez.proxy.corporate.ge.com:80

export no\_proxy=.ge.com

* + Download the Ge\_Root.cer file from
  + Open a terminal and navigate to the folder where the GE\_Root.cer is kept and execute the following command
    - sudo mkdir /usr/share/ca-certificates/extra
    - sudo cp GE\_ROOT.cer /usr/share/ca-certificates/extra/GE\_ROOT.cer
    - sudo dpkg-reconfigure ca-certificates
  + go to network and select manual option put the following proxy
    - https://cis-india-pitc-bangalorez.proxy.corporate.ge.com

