**JUPYTER in AWS**

OS: Ubuntu

Username: ubuntu

Password: “docker\_key\_pair.pem”

Create an instance using the ubuntu image.

Step 1 # update apt-get and install necessary packages

sudo apt-get update && \

sudo apt-get -y install python2.7 python-pip python-dev && \

sudo apt-get -y install ipython ipython-notebook && \

sudo -H pip install jupyter && \

sudo -H pip install --upgrade pip && \

sudo -H pip install jupyter

Do not do this !!!

Step 2 # Set iPython password

ipython

from IPython.lib import passwd

passwd()

Set the password now to be “**jupyter**”

Step 3 # Create config profile

jupyter notebook --generate-config

Step 4 # Create certs

cd ~

mkdir certs

cd certs

sudo openssl req -x509 -nodes -days 365 -newkey rsa:1024 -keyout mycert.pem -out mycert.pem

Step 5 # Configure Jupyter

vi ~/.jupyter/jupyter\_notebook\_config.py

c = get\_config()

c.IPKernelApp.pylab = 'inline'

c.NotebookApp.certfile = u'/home/ubuntu/certs/mycert.pem'

c.NotebookApp.ip = '\*'

c.NotebookApp.open\_browser = False

#c.NotebookApp.password = u'jupyter'

c.NotebookApp.port = 8888

Step 6 # create notebook directory

cd ~

mkdir notebooks

cd notebooks

Step 7 # Start Jupyter notebook

jupyter notebook