Launching Instance with TensorFlow, Python & Anaconda on AWS

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Local computer environment: macOS Sierra version 10.12.6

This tutorial assumed that you have finished the steps on <<**Launching & Connect to Instance with TensorFlow, Python & Anaconda on AWS**>> (https://github.com/BryanBo-Cao/neuralnets-deeplearning/blob/master/Launching%20%26%20Connect%20to%20Instance%20with%20TensorFlow%2C%20Python%20%26%20Anaconda%20on%20AWS.pdf), and an instance is already running on AWS.

When you are trying to connect to an instance on your terminal, enter

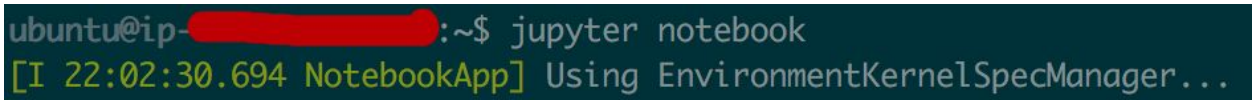
ssh -i "Art-Image.pem" -L 8000:localhost:8888 ubuntu@ec2-*.us-west-2.compute.amazonaws.com

instead of

ssh -i "Art-Image.pem" ubuntu@ec2-*.us-west-2.compute.amazonaws.com

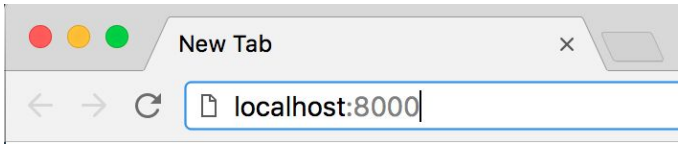
as mentioned in
https://towardsdatascience.com/setting-up-and-using-jupyter-notebooks-on-aws-61a9648db6c5
"**-i** Specifies an alternate identification file to use for public key authentication. Basically for this tutorial, I have my key in current directory.
-L specifies that the given port on the local (client) host is to be forwarded to the given host and port on the remote side (AWS). This means that whatever is running on the second port number (i.e. 8888) on AWS will appear on the first port number (i.e. 8000) on your local computer. You should change 8888 to the port which Jupyter Notebook is running on. 99.9% of the time Jupyter will run on port 8888. Optionally change port 8000 to one of your choosing (for example, if 8000 is used by another process).
"
On the terminal, enter

jupyter notebook

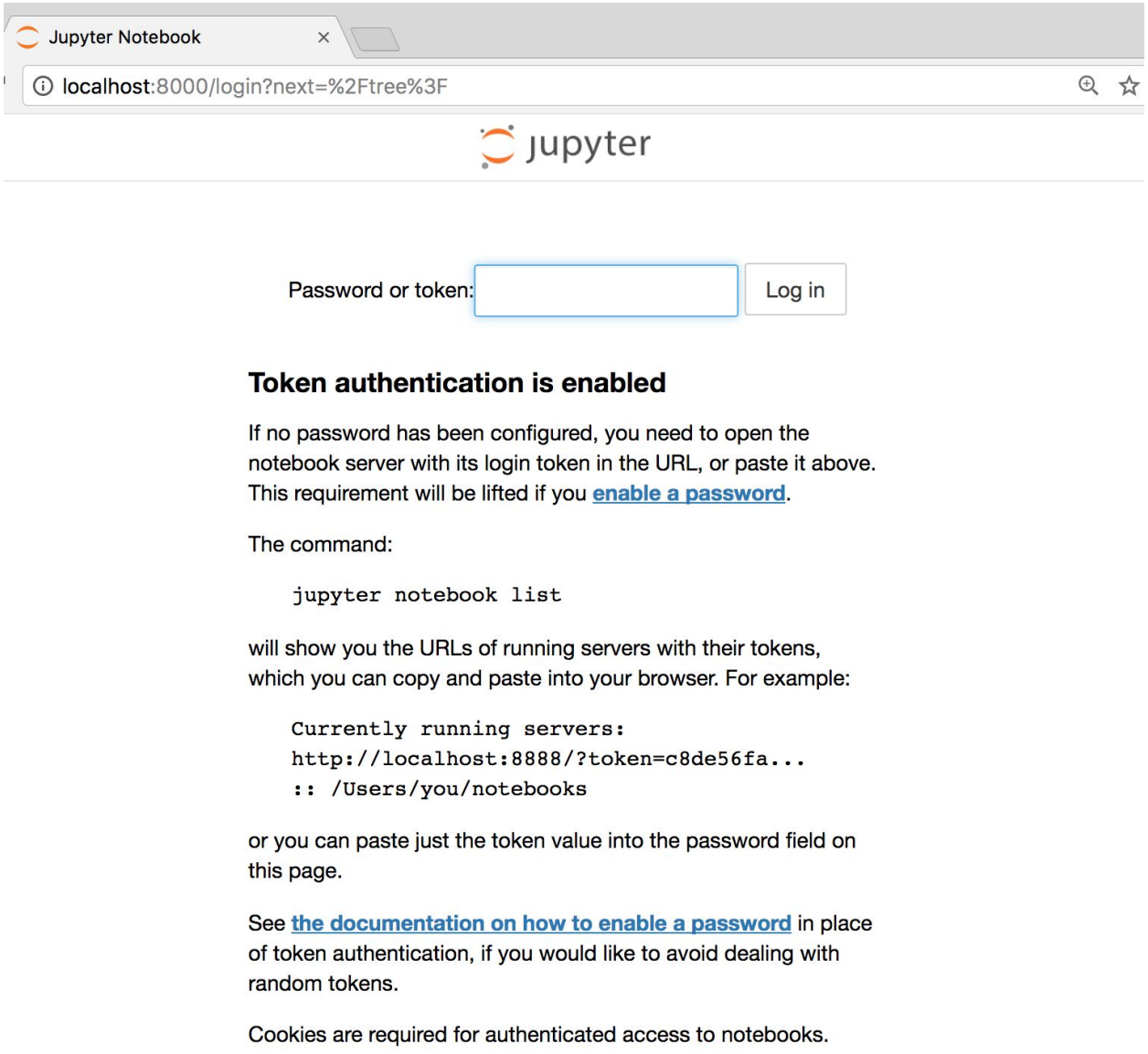


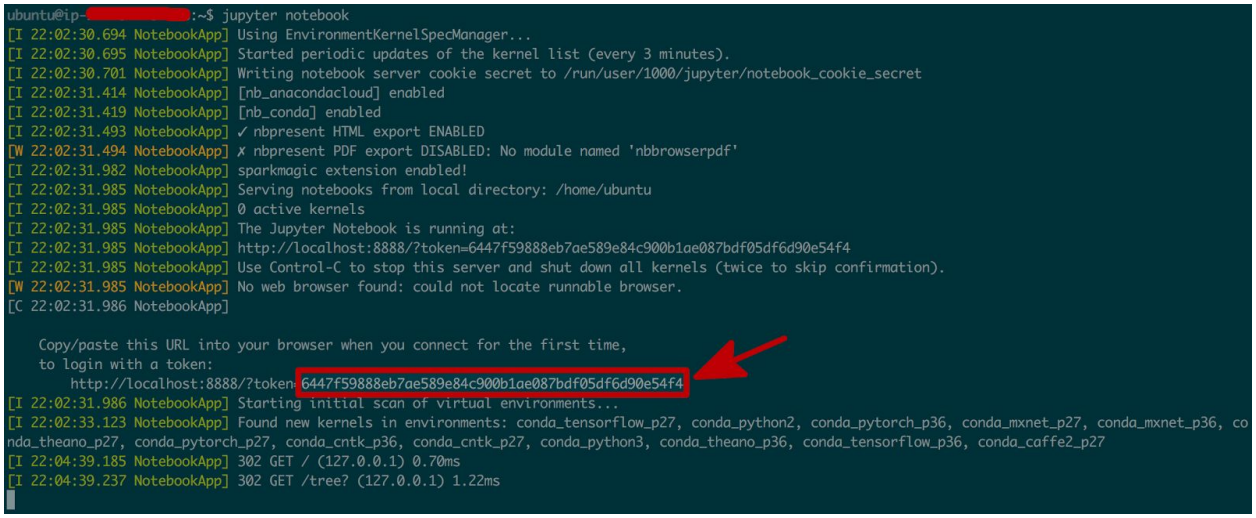
Open a browser and enter

localhost:8000

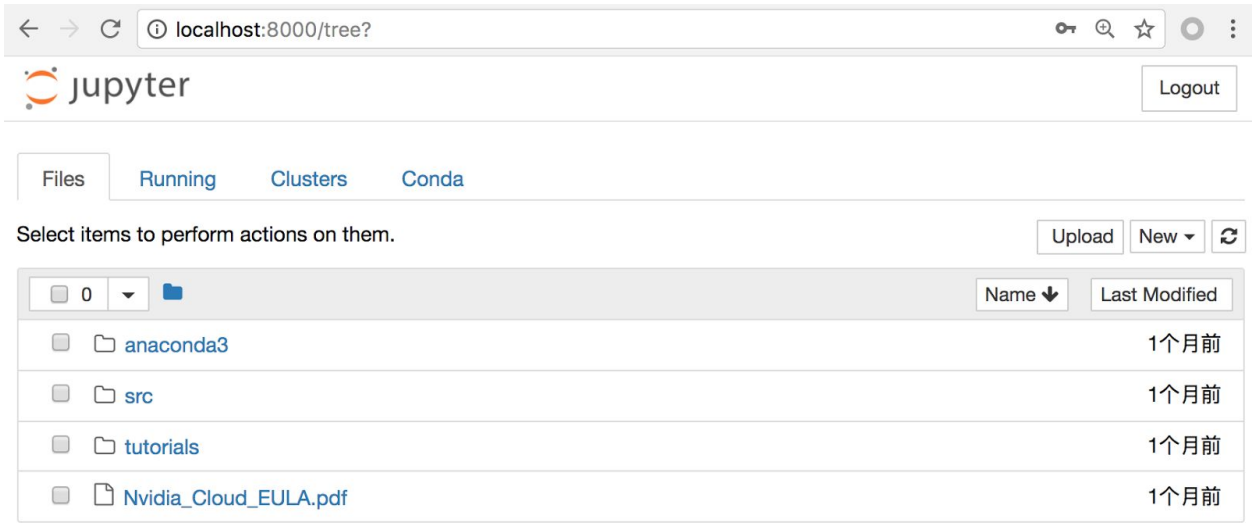


Then you will see:





Copy the token on your terminal and then you should be able to log in. When you see this page below, it means everything goes well and you could start to write you deep learning code with TensorFlow:



Good luck!

Reference:
https://www.youtube.com/watch?v=q1vVedHbkAY
https://towardsdatascience.com/setting-up-and-using-jupyter-notebooks-on-aws-61a9648db6c5