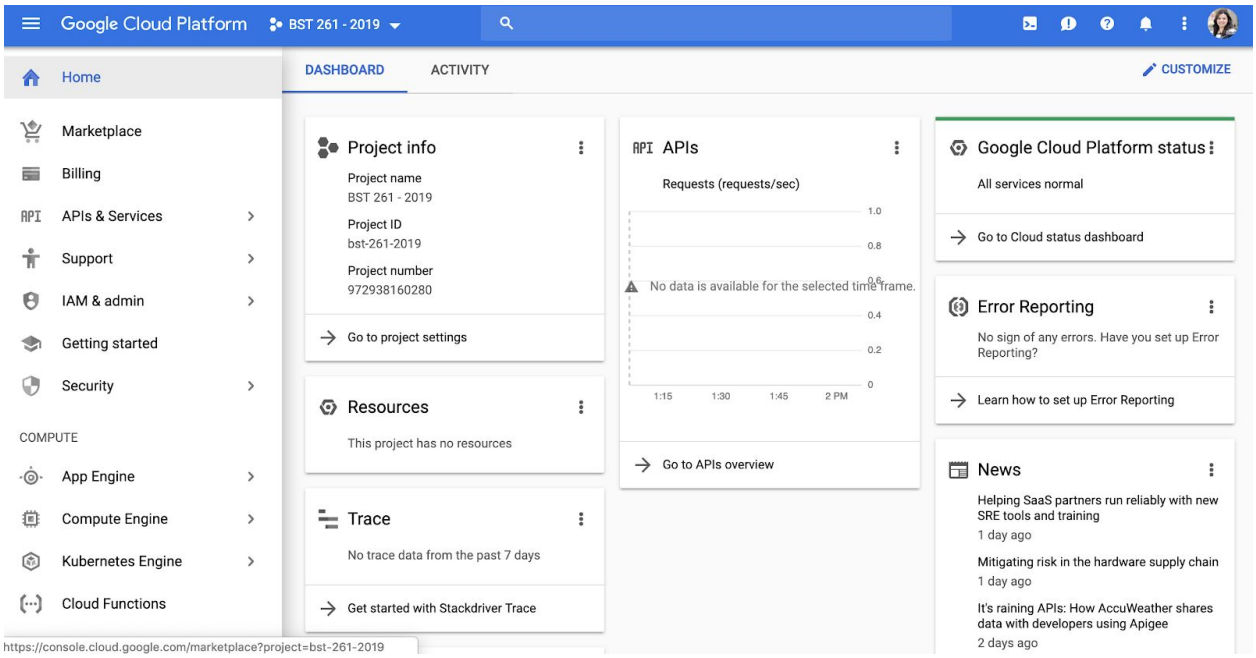
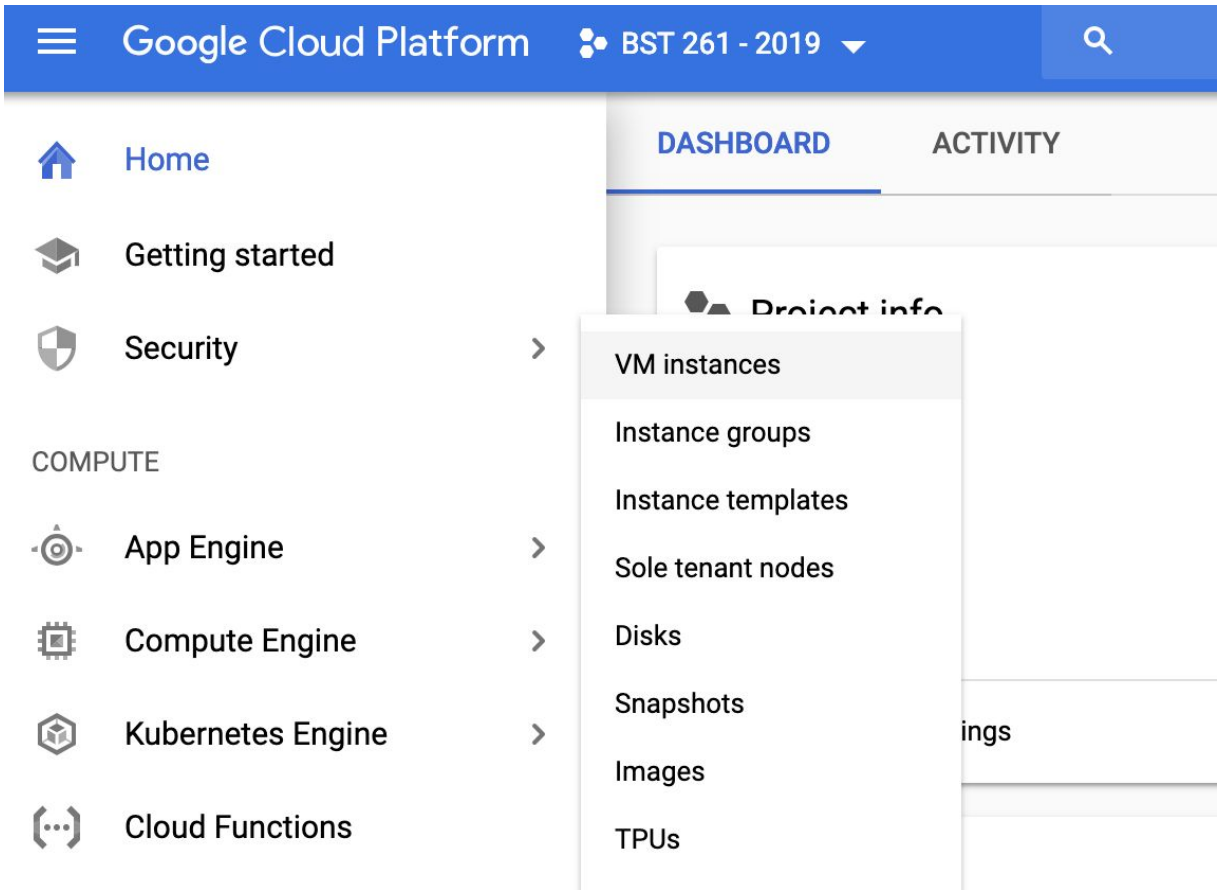
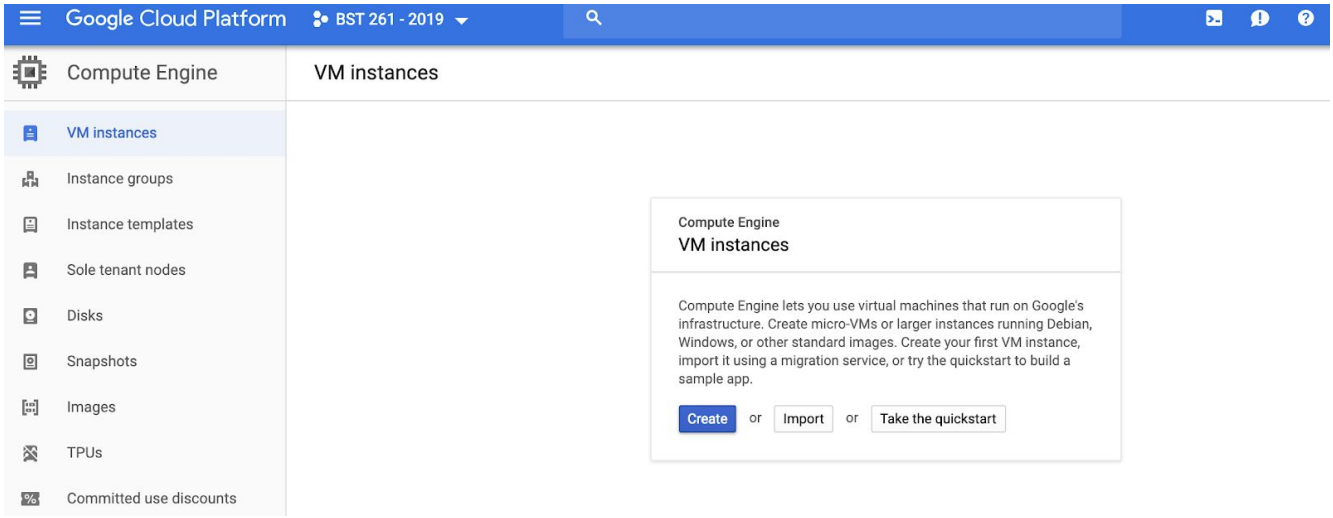
1. Go to console.cloud.google.com.



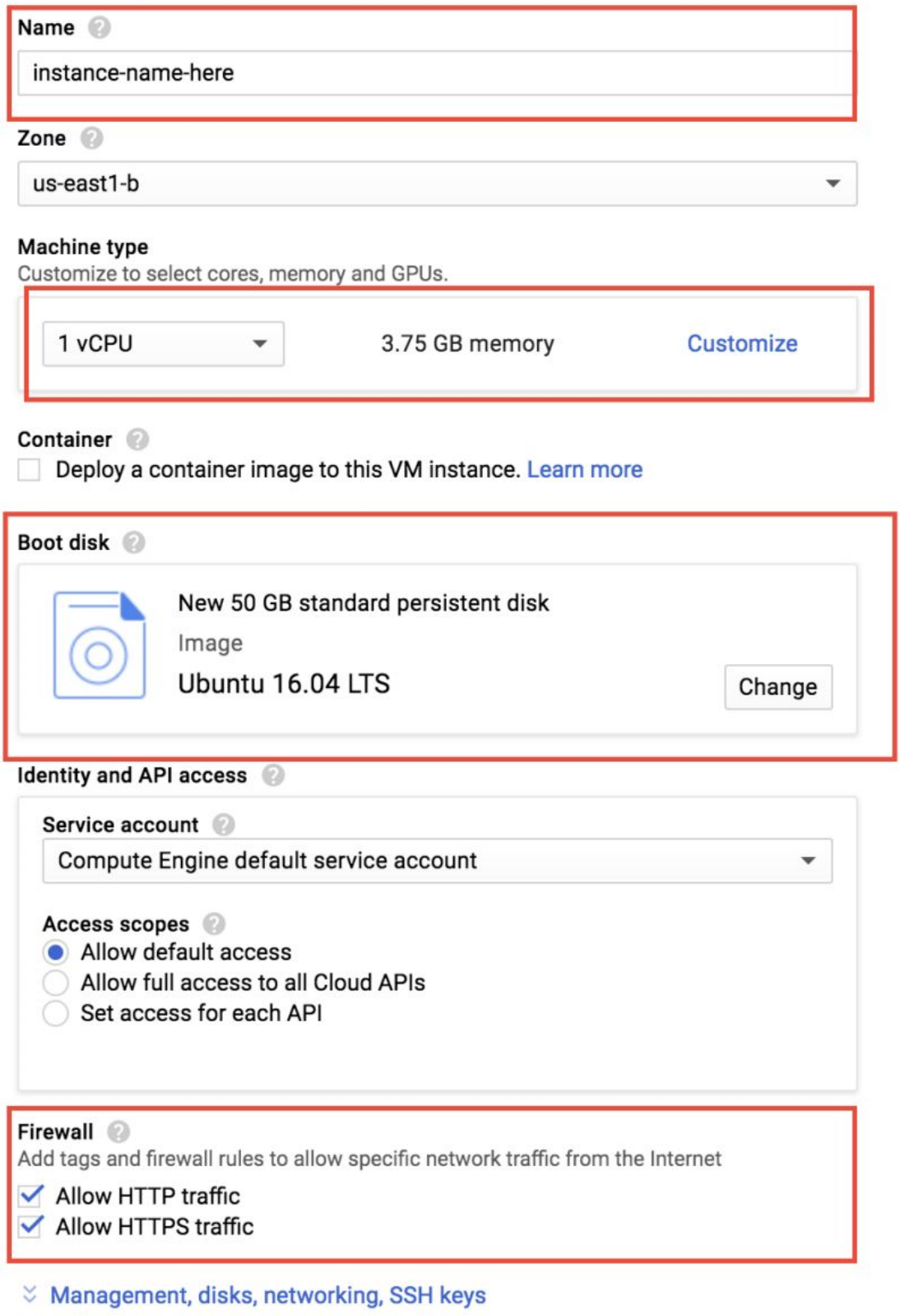
2. On the left side menu, mouse over Compute Engine, and select VM instances.



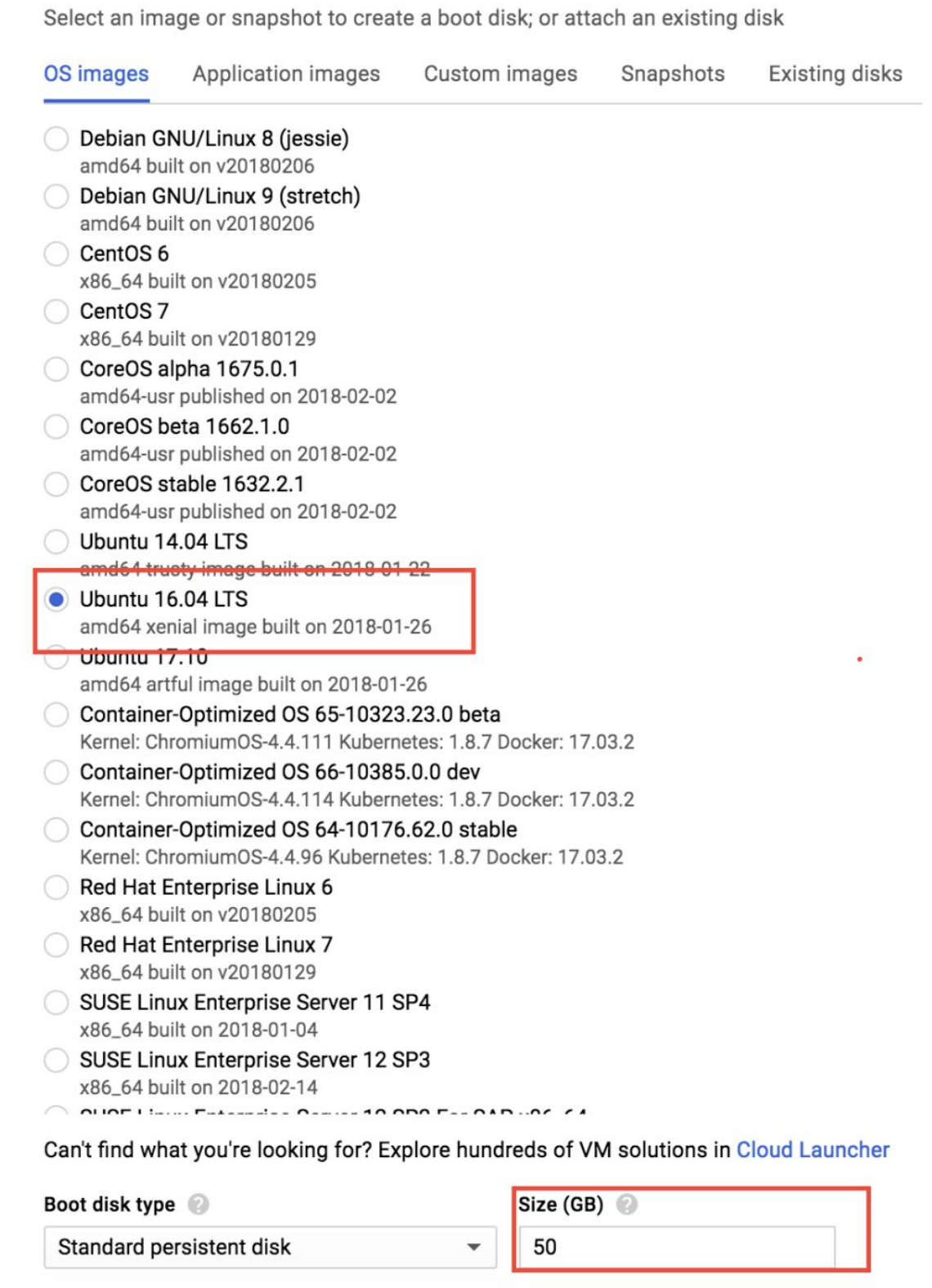
3. Select Create Instance.



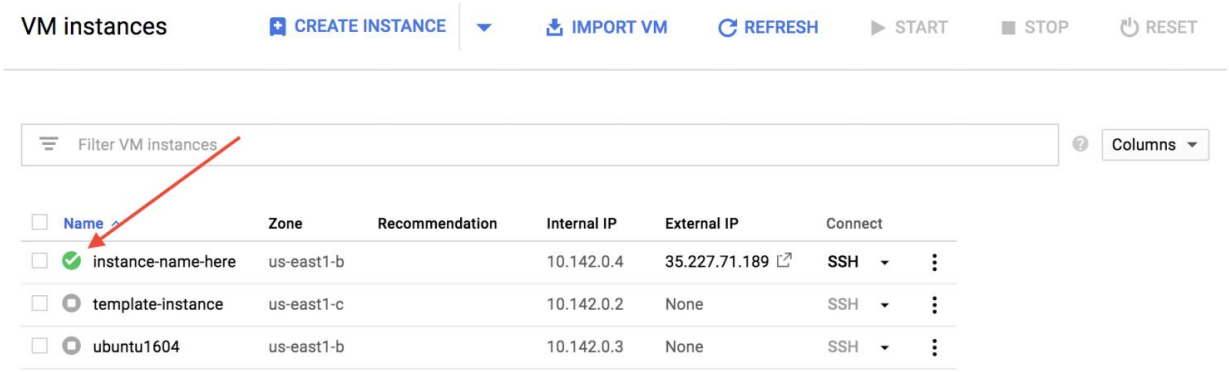
4. Complete the form according to the following configuration. Substitute an instance name of your choice. Select Create.



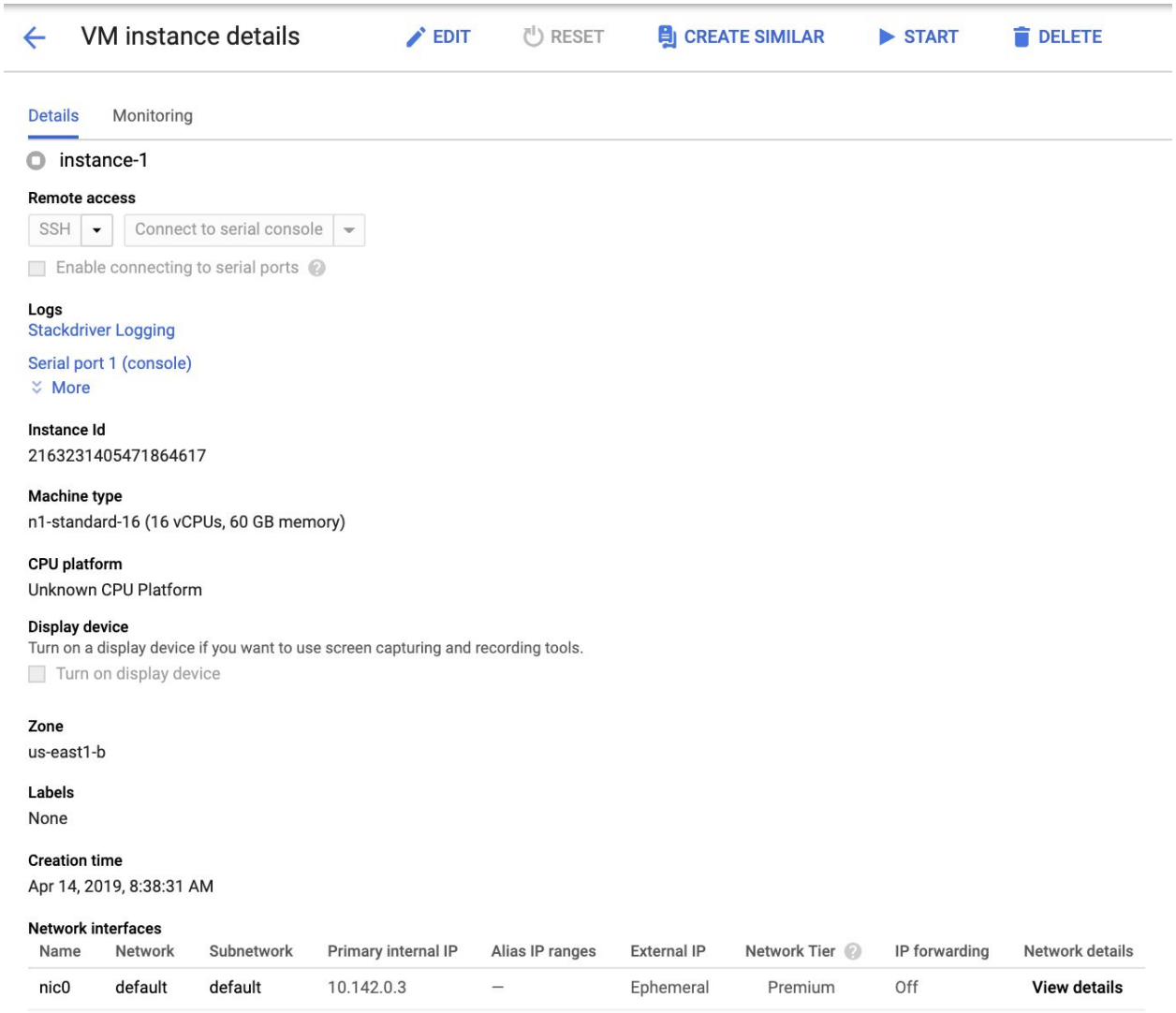
5. Boot Disk: click on the Change button. Select Ubuntu 16.04 LTS and type in 50 GB at the bottom.



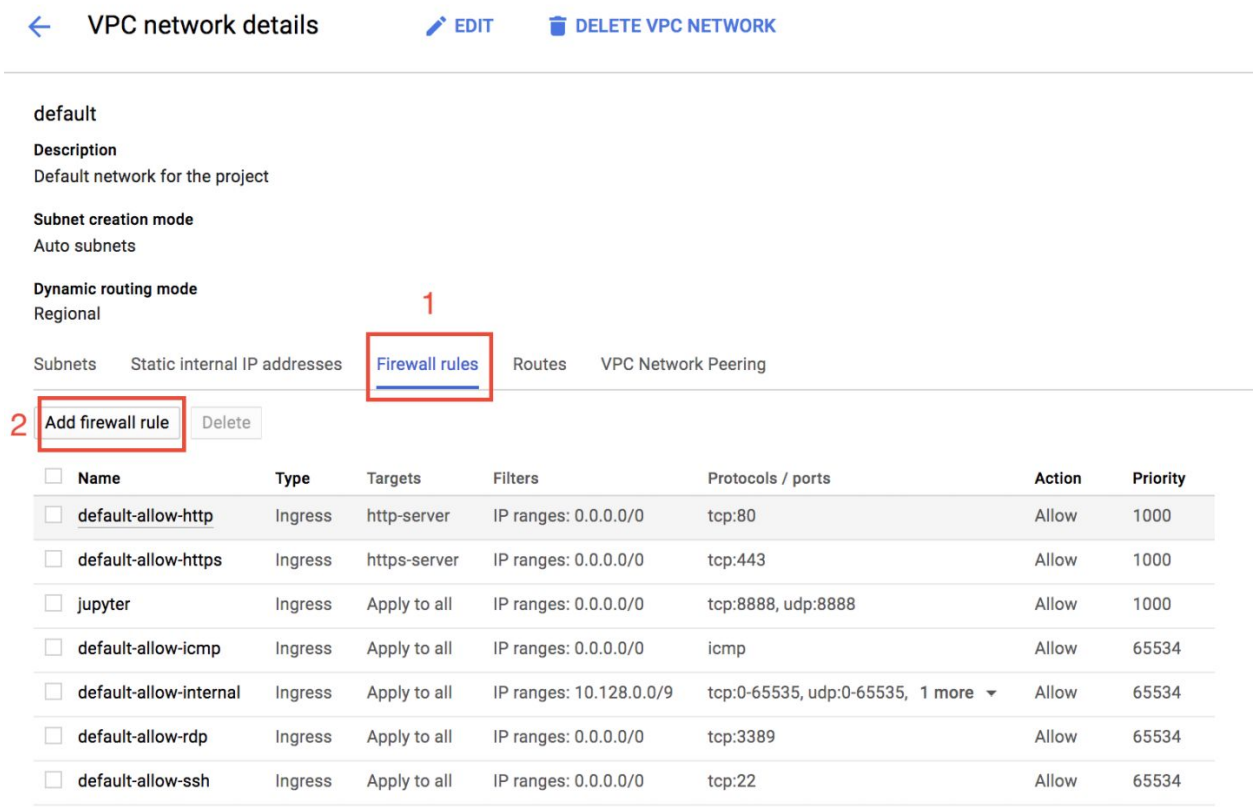
6. You will return to the VM instance list, and an icon will be on the left of the instance name that you created. Wait for a green checkmark to appear. Click on your instance.



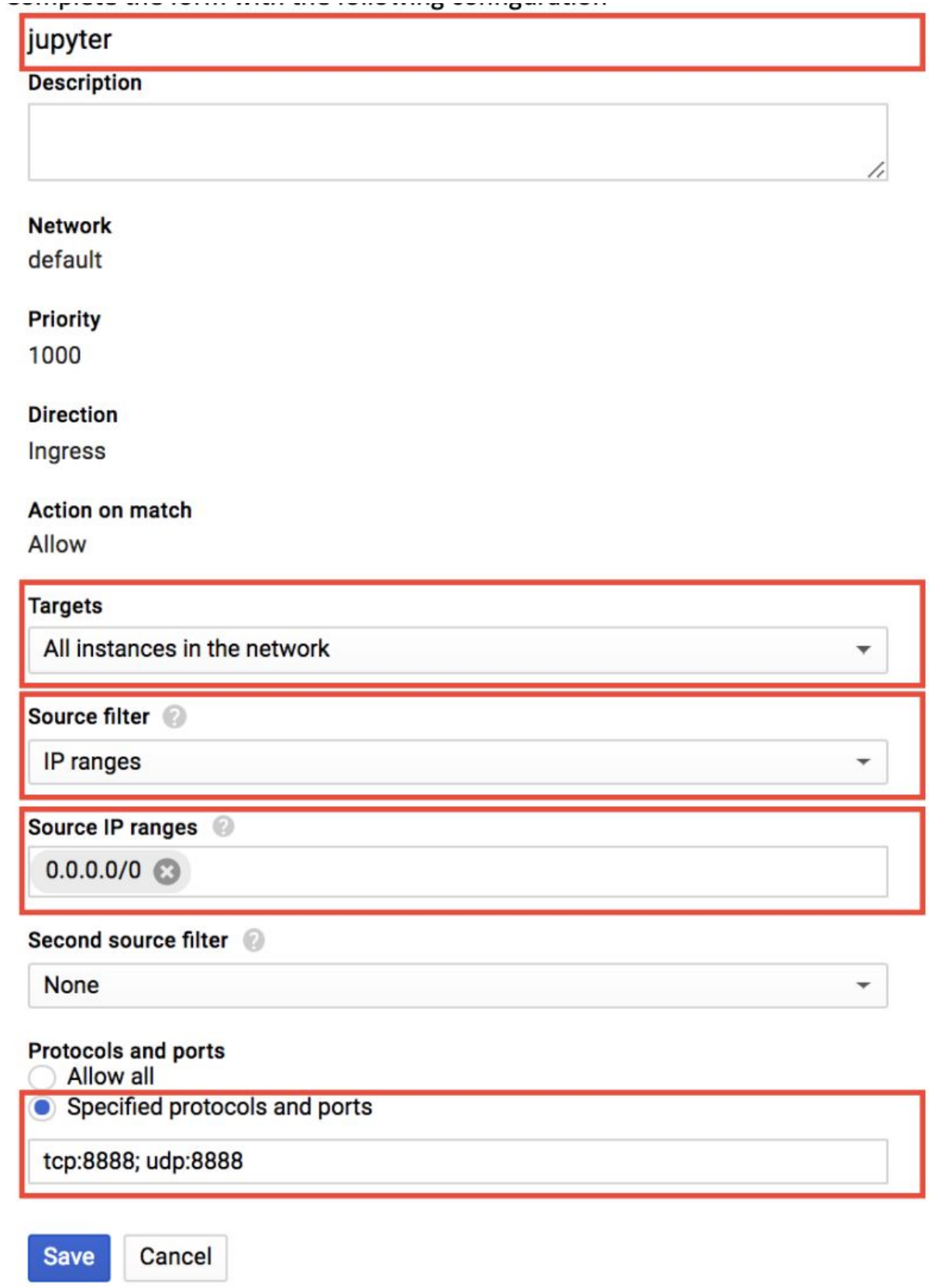
7. In the VM instance detail, scroll to the Network interfaces entry, and select default, under the Network column.



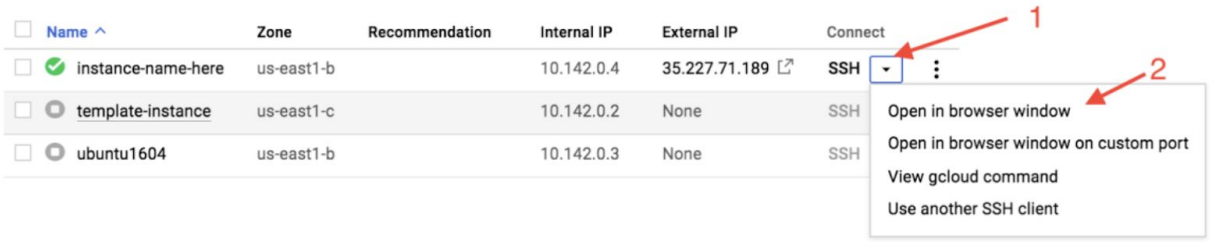
8. In the VPC network details screen, first select the Firewall Rules tab, and then select the Add firewall rule tab.



9. Complete the form with the following configuration.



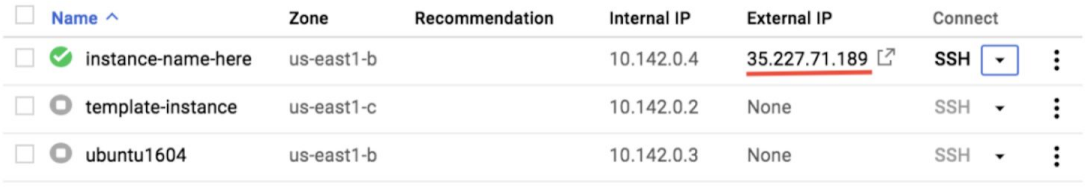
10. Return to your VM instances, either by selecting the blue arrow next to VPC network details twice, or by going to console.cloud.google.com/compute/instances. Select the arrow next to SSH in the row of your instance, and select Open in browser window.

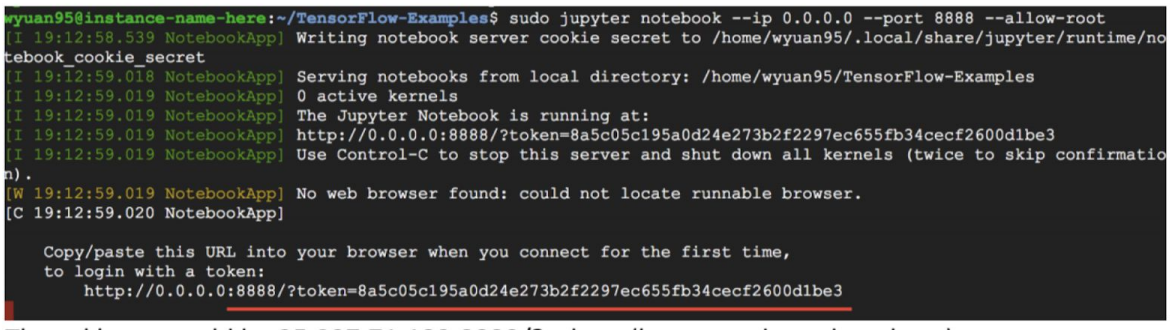


11. Enter the following commands **one at a time**. Press Y and enter when prompted.

sudo apt-get update
sudo apt-get install python-pip
sudo pip install tensorflow
sudo apt-get install ipython
sudo apt-get install python3-pip
pip3 install --upgrade setuptools
pip3 install keras
sudo pip3 install jupyter
sudo jupyter notebook --ip 0.0.0.0 --port 8888 --allow-root

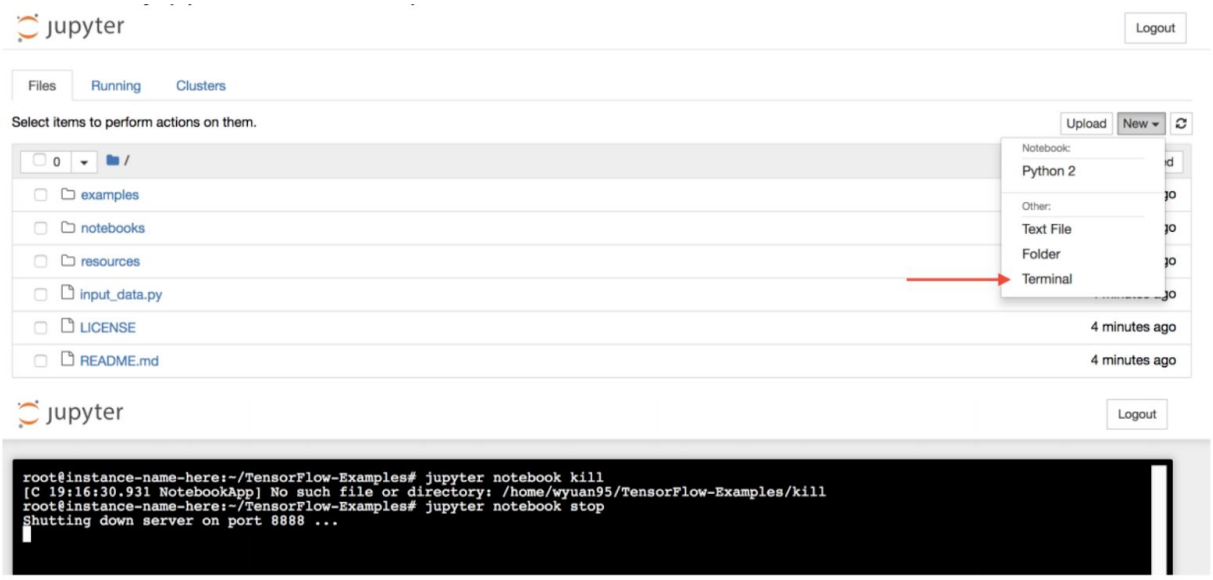
12. Construct the url for your notebook by combining the following two pieces: the external IP of your instance, and the sequence following 0.0.0.0 that results from the console.





The url here would be https://35.227.71.189:8888/token=(letters and numbers). Your should be similar. Enter the url in your browser. Now you can upload data and/or a Jupyter notebook and work.

13. To close the notebook, select the New dropdown menu, and select Terminal. Enter the command: jupyter notebook stop



14. To shut off your instance, return to the VM instances page, select the three dots in the row of your instance, and select Stop. **This is important to avoid be charged for an instance that you are not using.**