CREATE IBM WATSON IOT PLATFORM AND DEVICE CREATE IBM WATSON IOT PLATFORM AND DEVICE

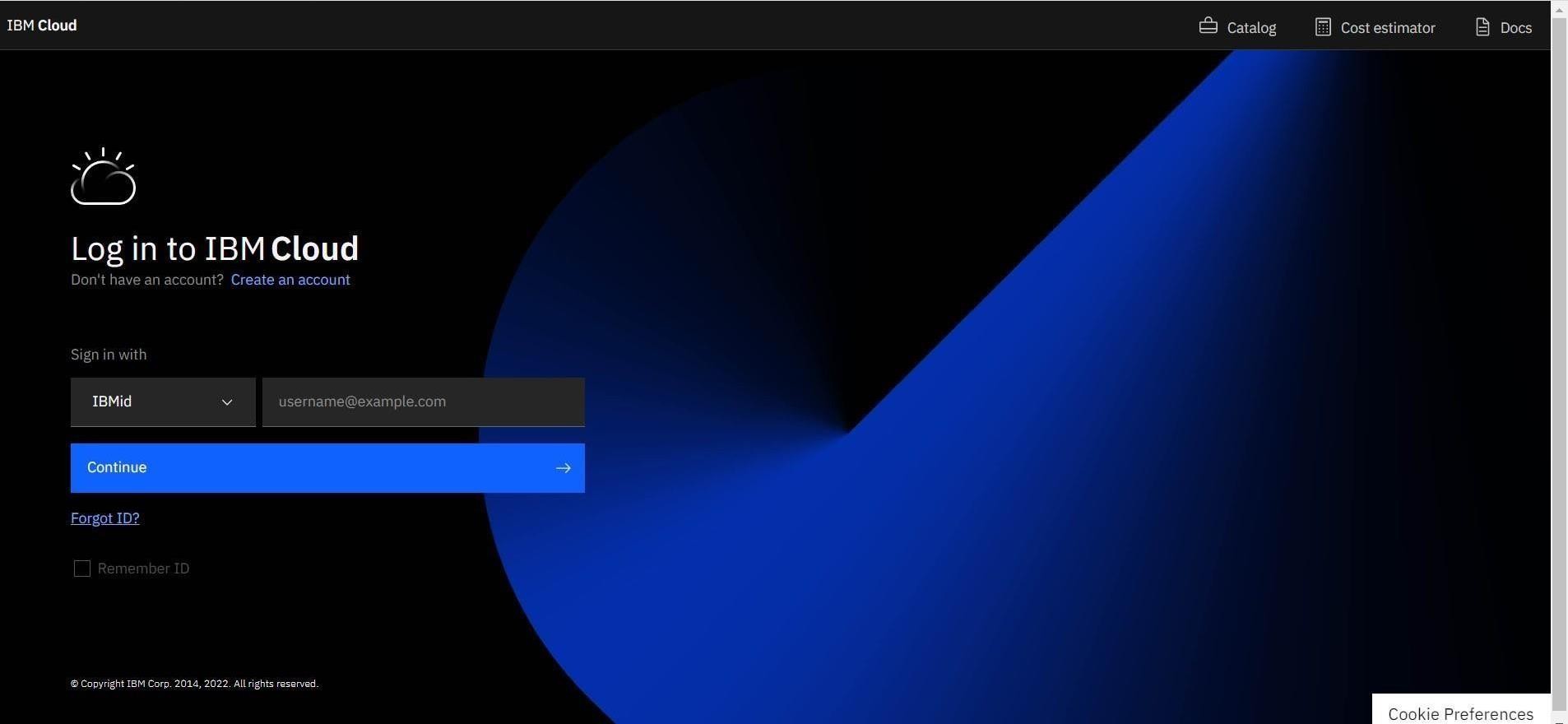
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| --- | --- |
| Date | 10 November 2022 |
| Team ID | PNT2022TMID19038 |
| Project Name | Gas leakage monitoring and alerting system for industries |

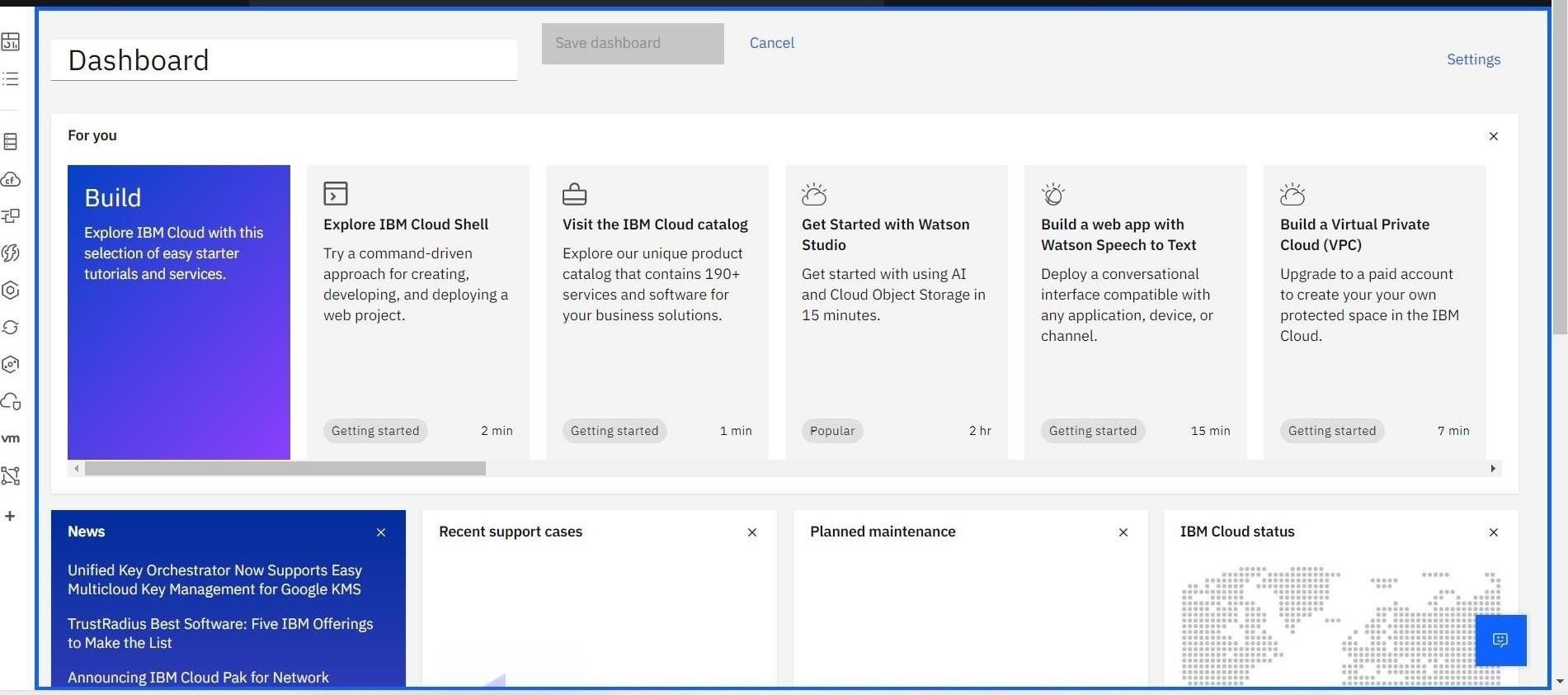
# AIM:

To create the IBM Watson IoT platform and device.

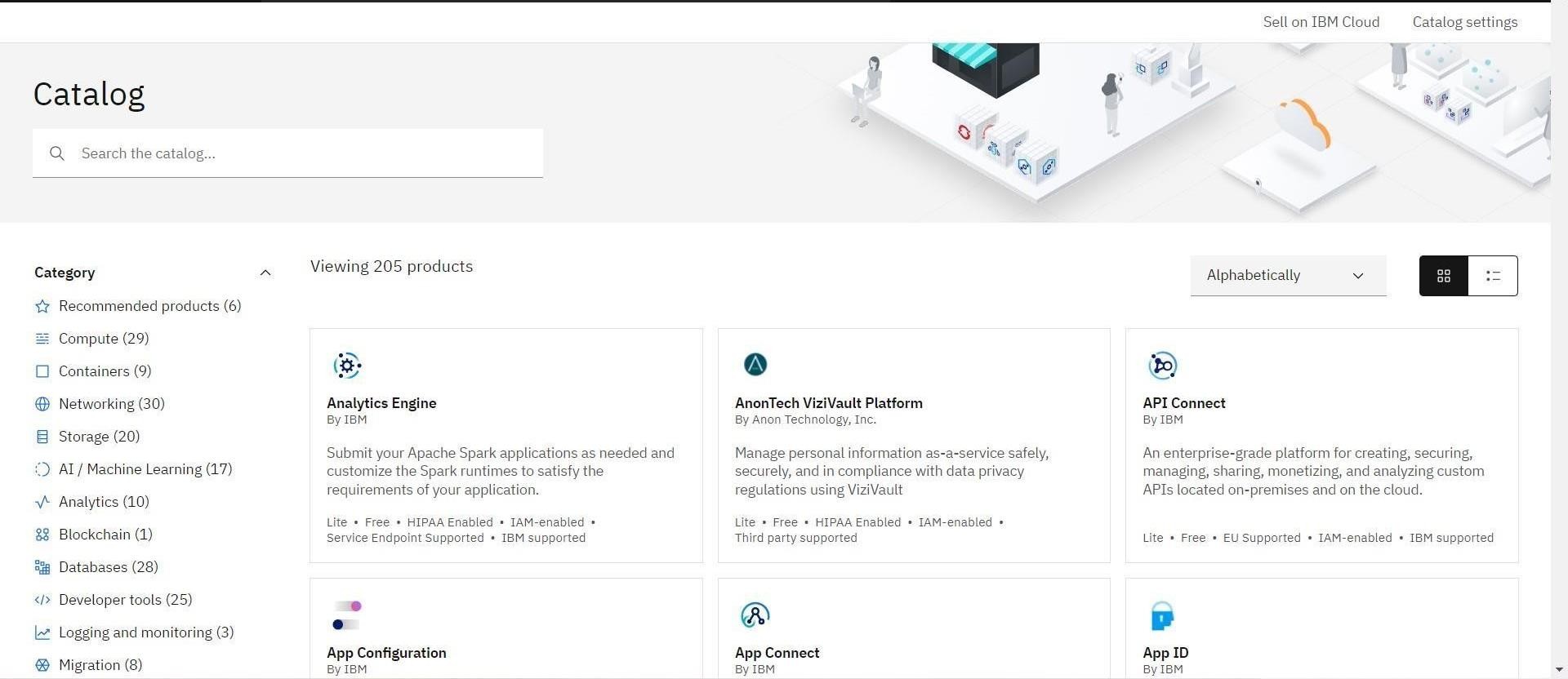
**Steps to be followed**

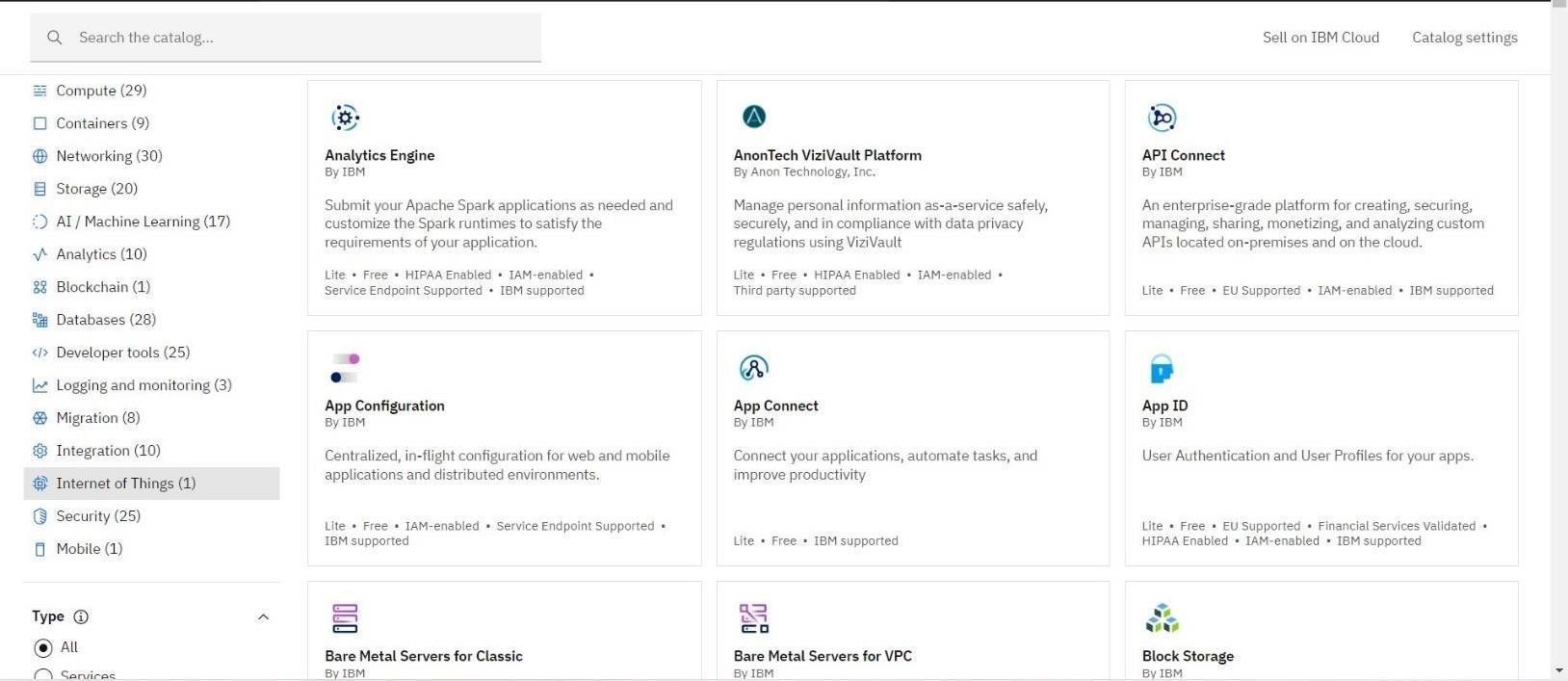
Step 1: Firstly, create an IBM cloud account with IBM id and password.



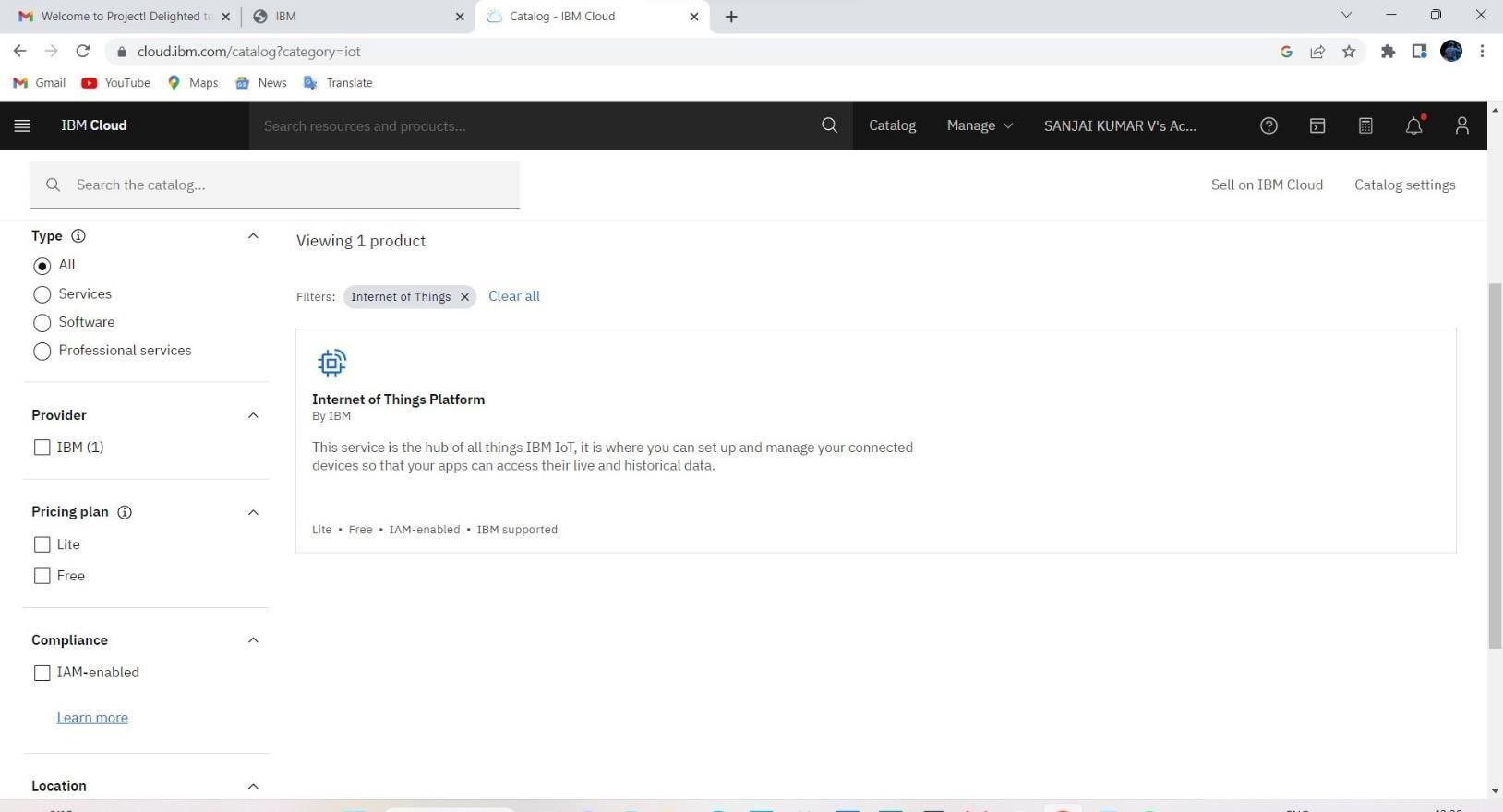


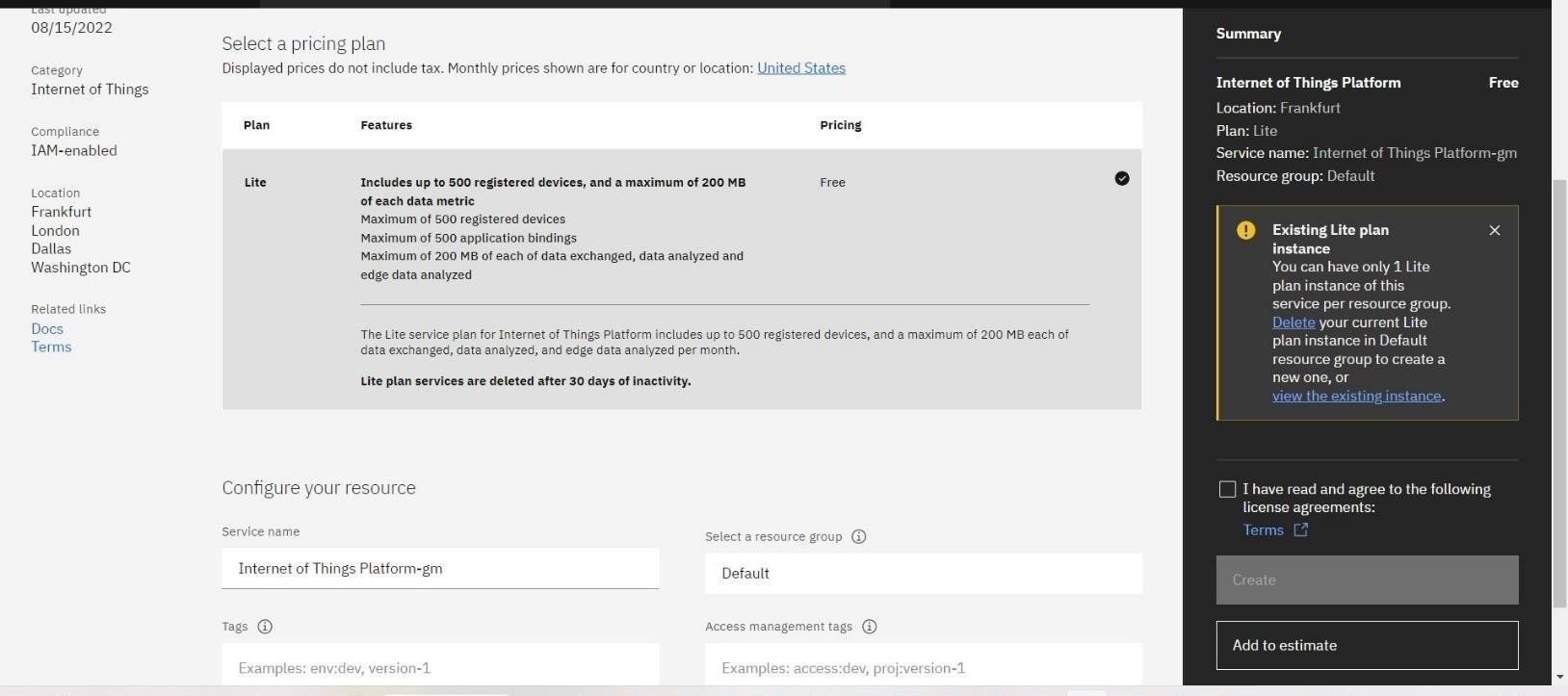
Step 3: Click on the catalog on the top.



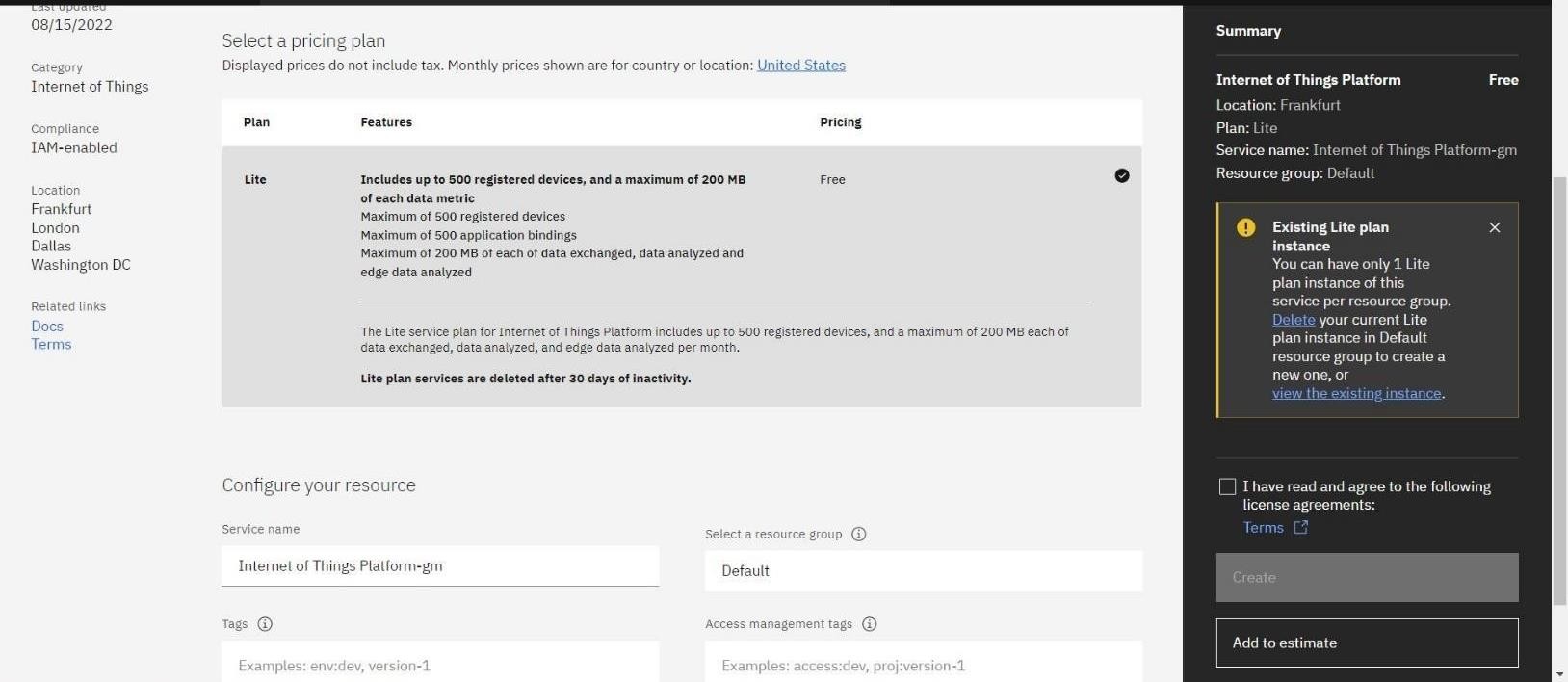


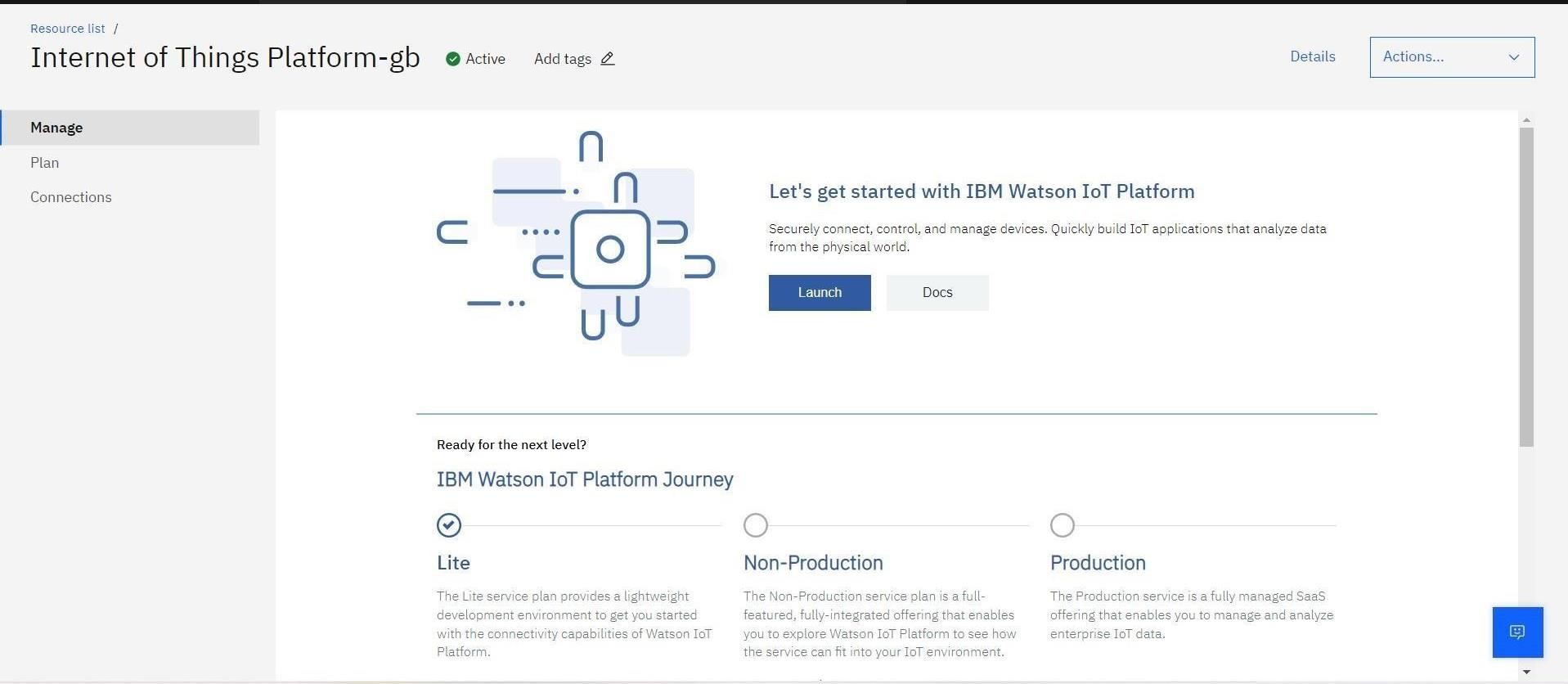
Step 5: Click on Internet of Things Platform.



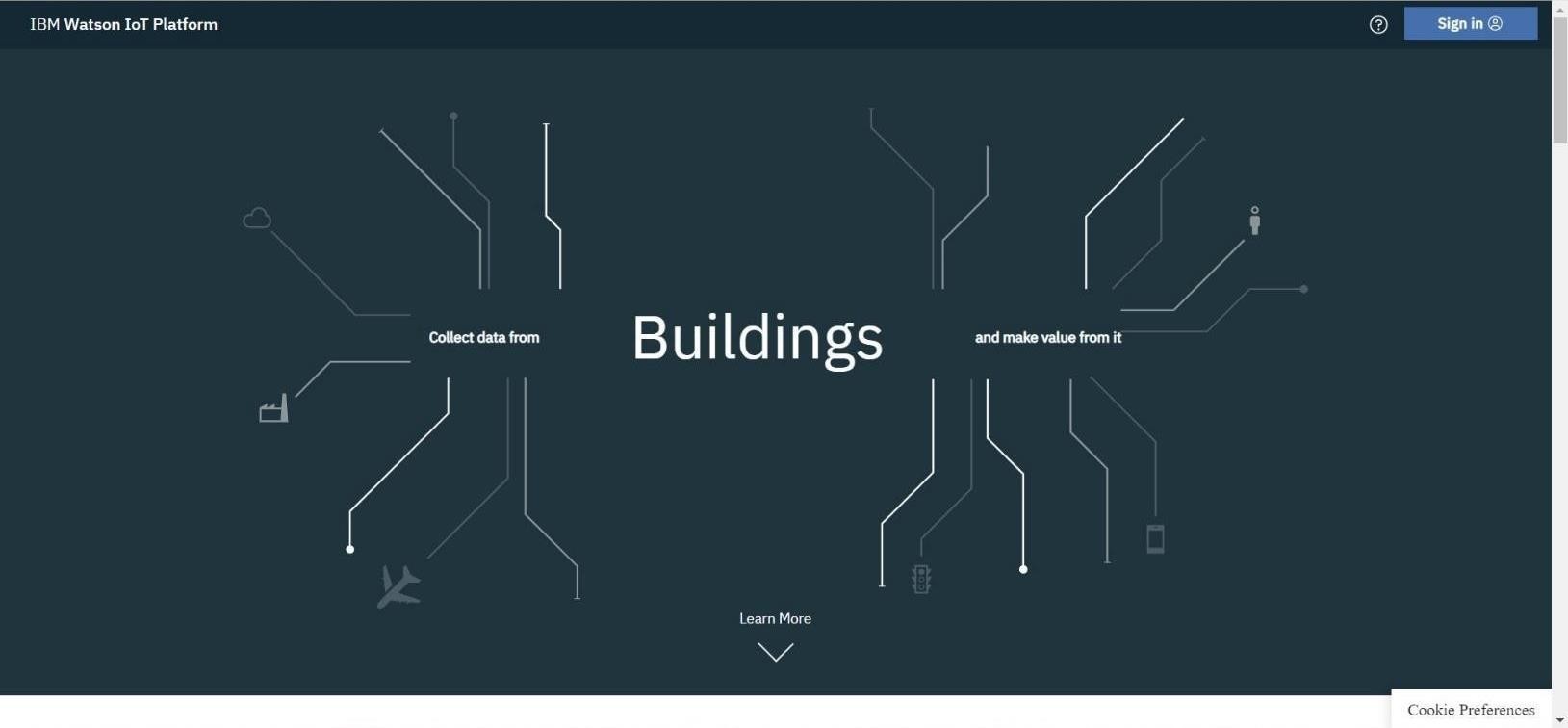


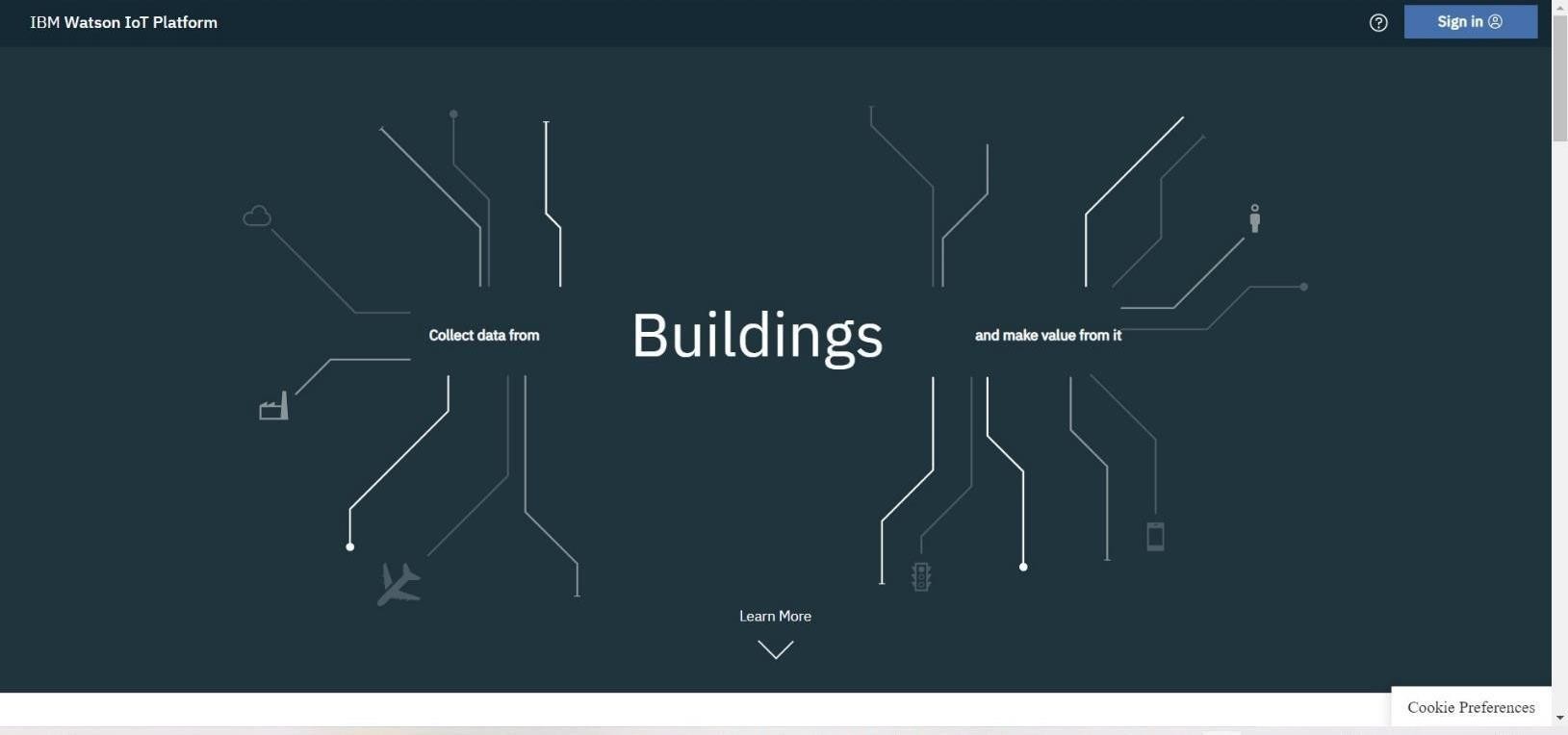
Step 7: Tick agreements and then click on create.



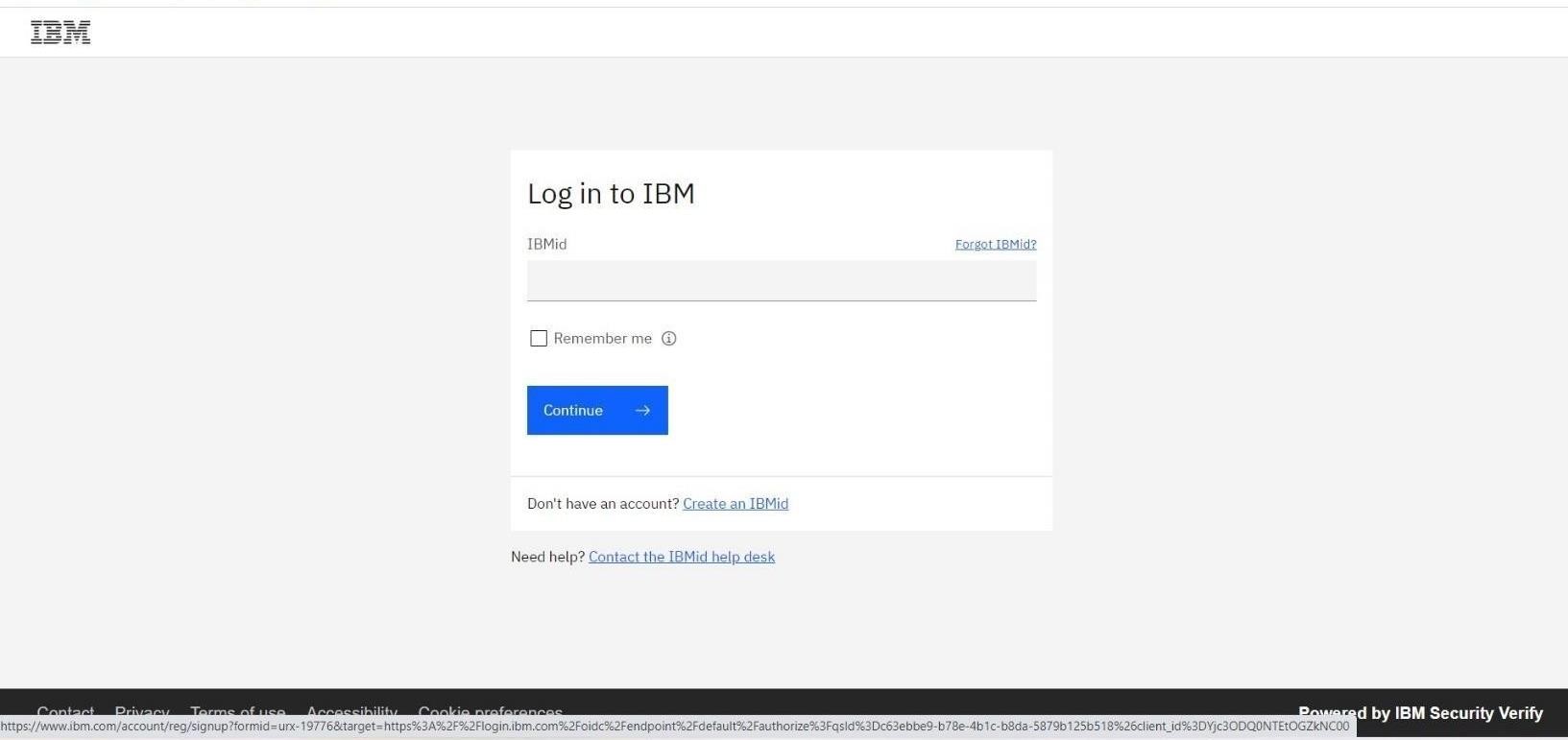


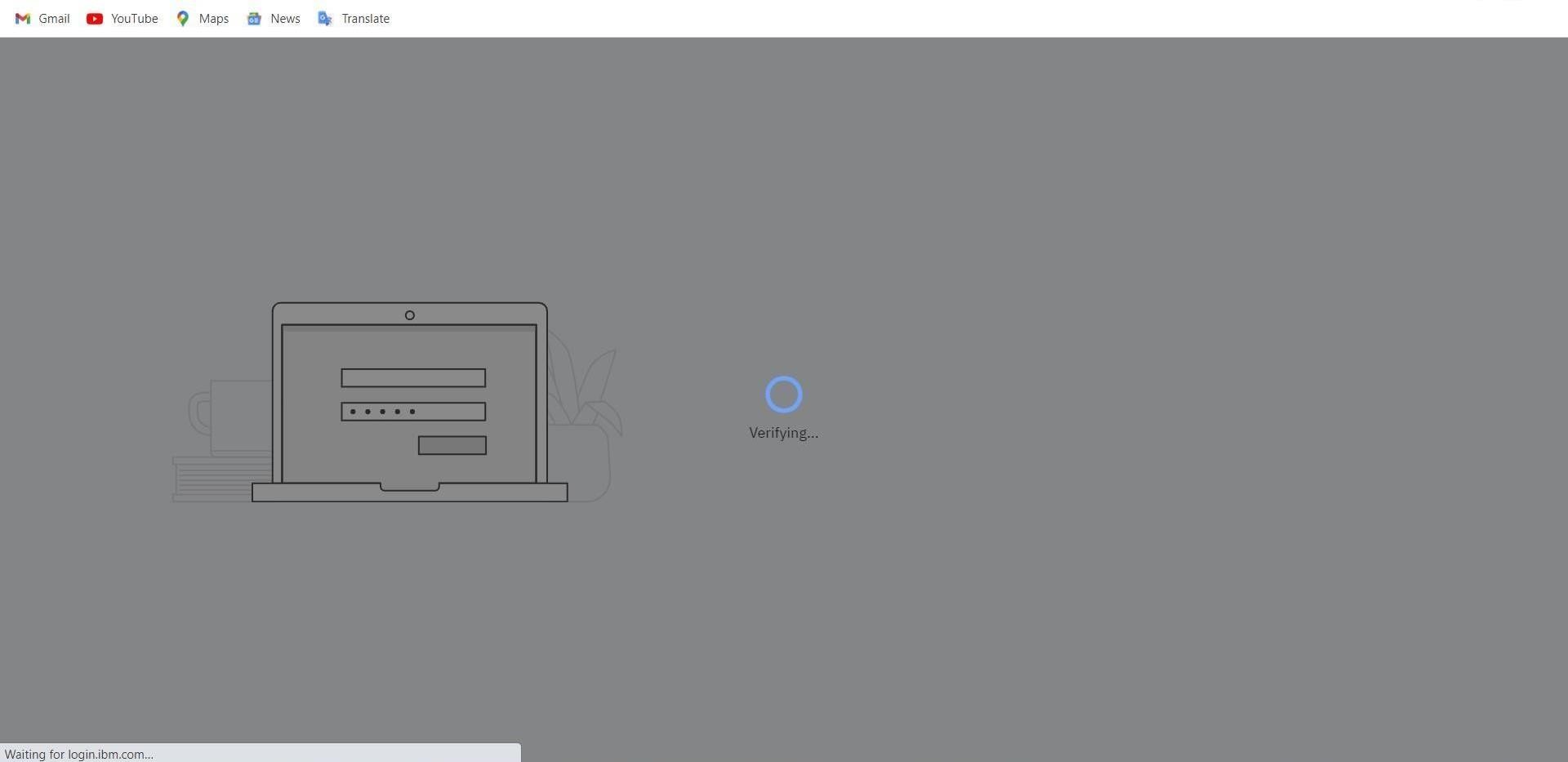
Step 9: After clicking on the launch button this tab will open.



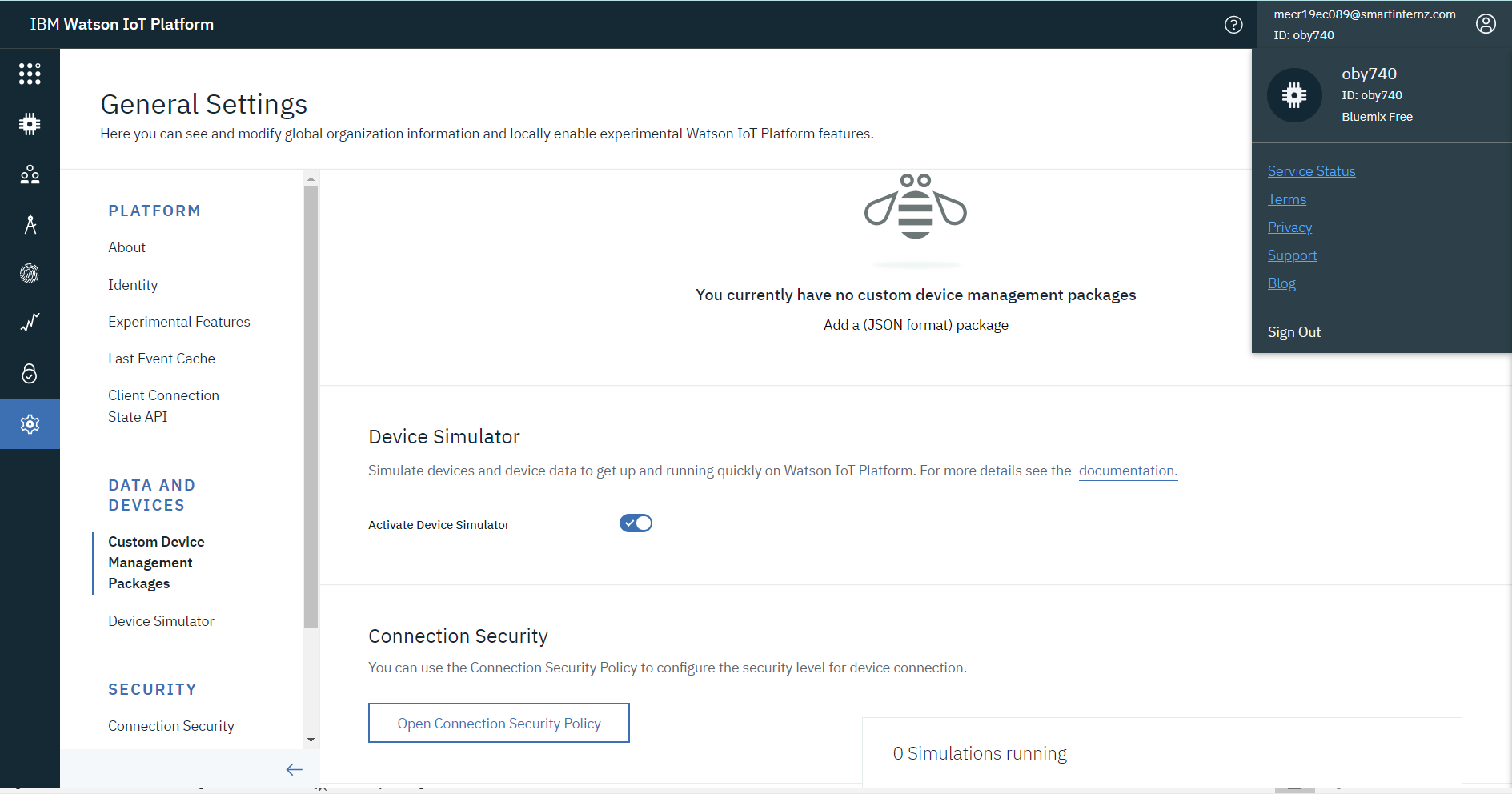


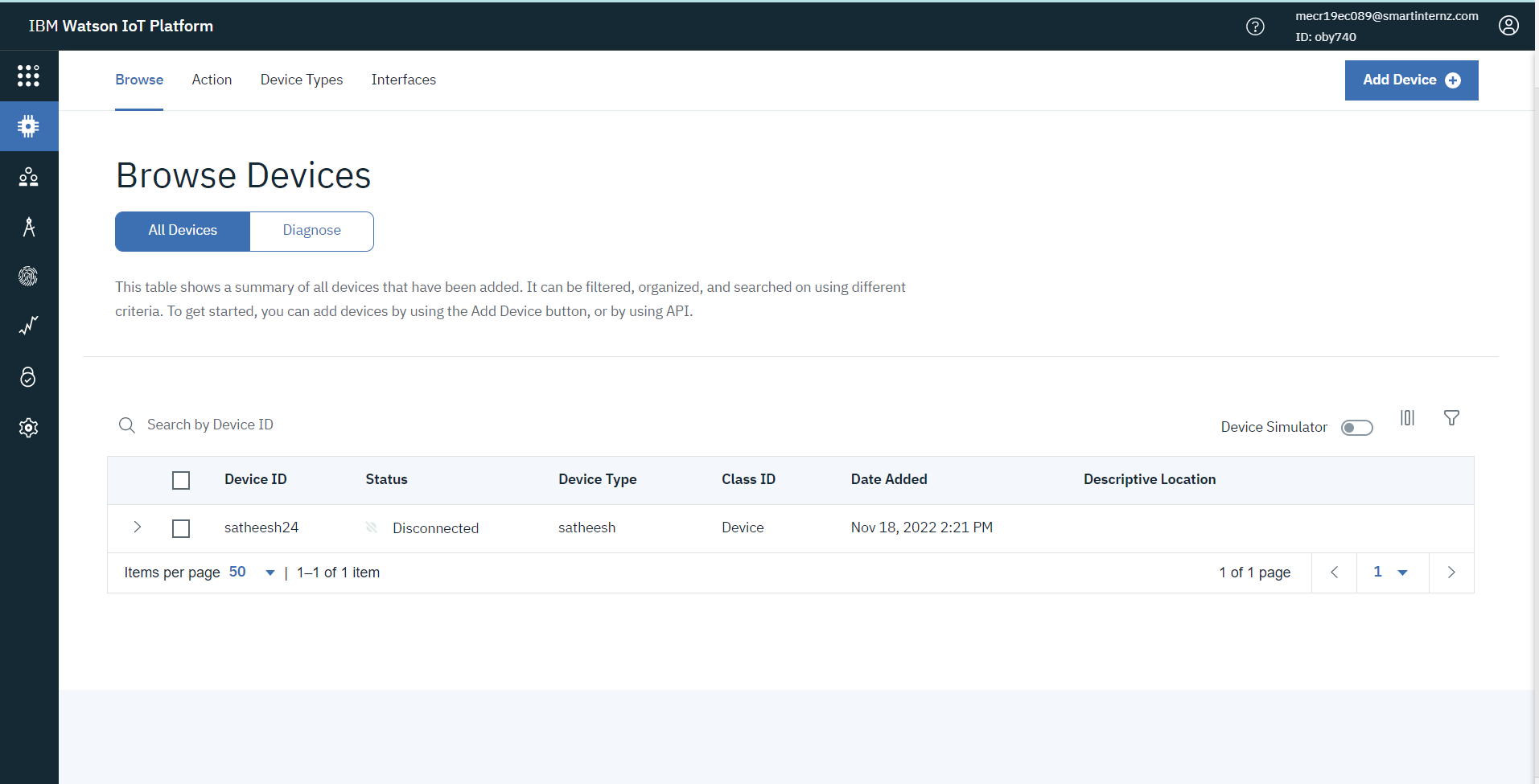
Step 11: Fill the login details.



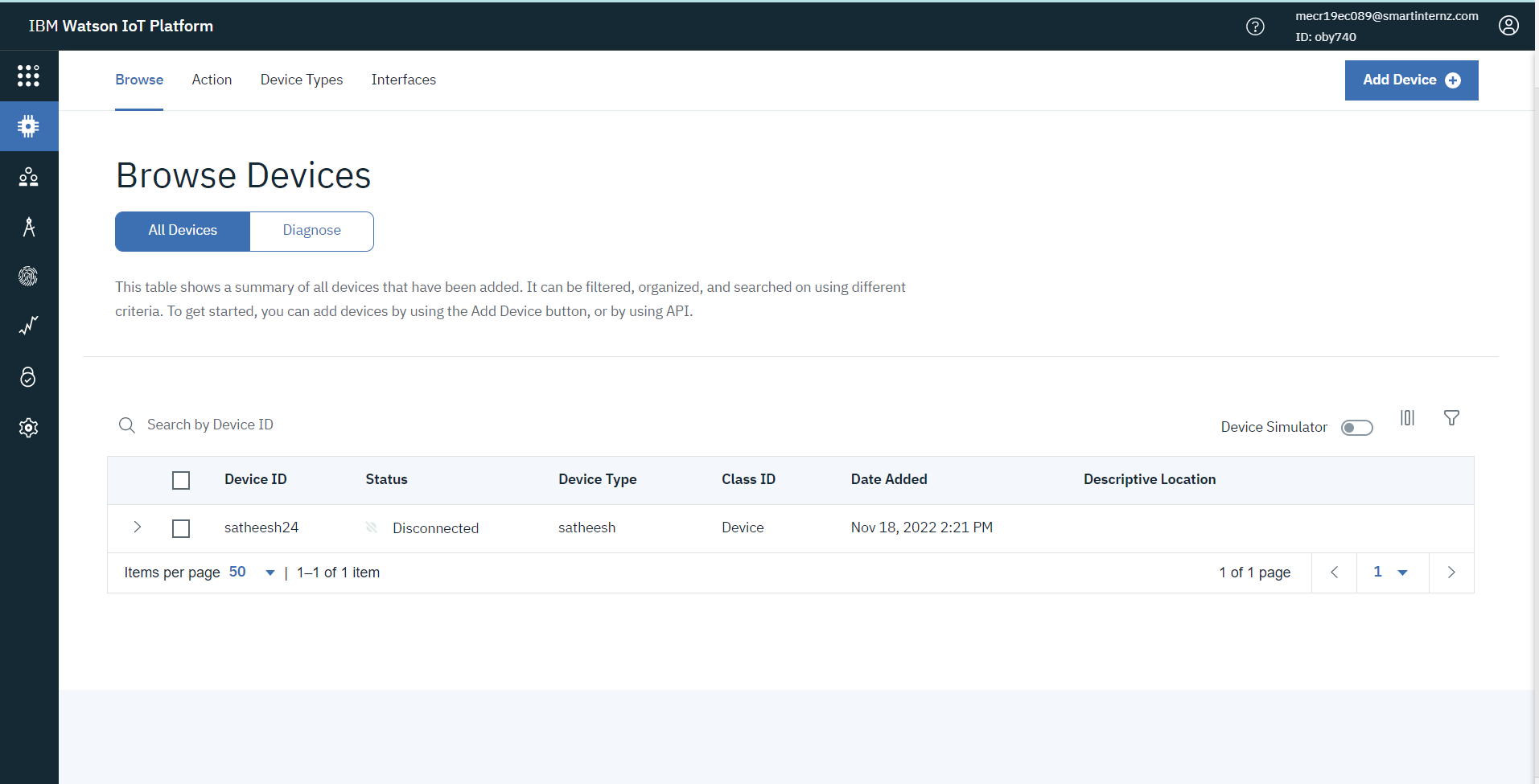


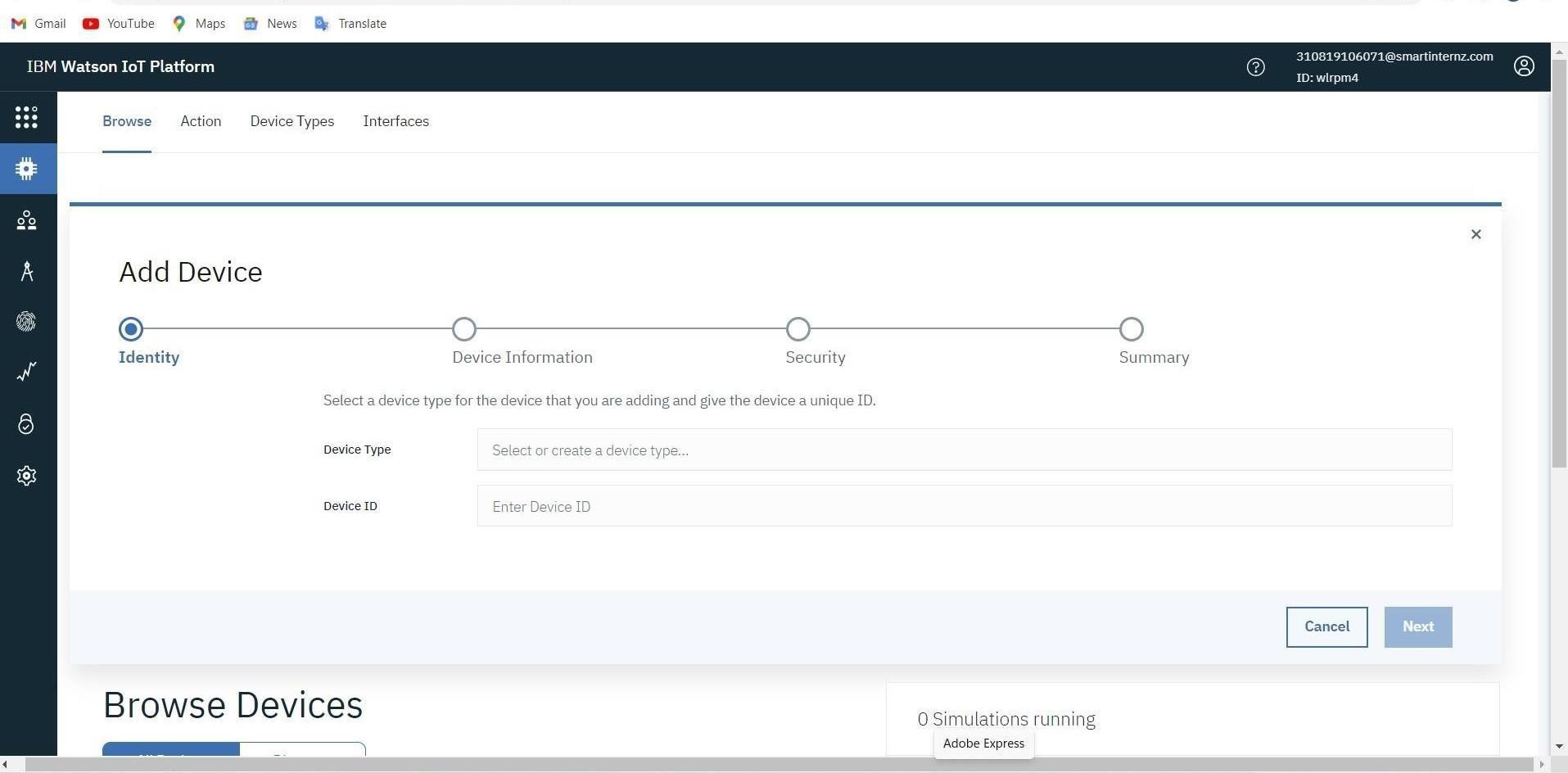
Step 13: Once it id logged in, the name will be displayed click on it and then click on Bluemix Free.



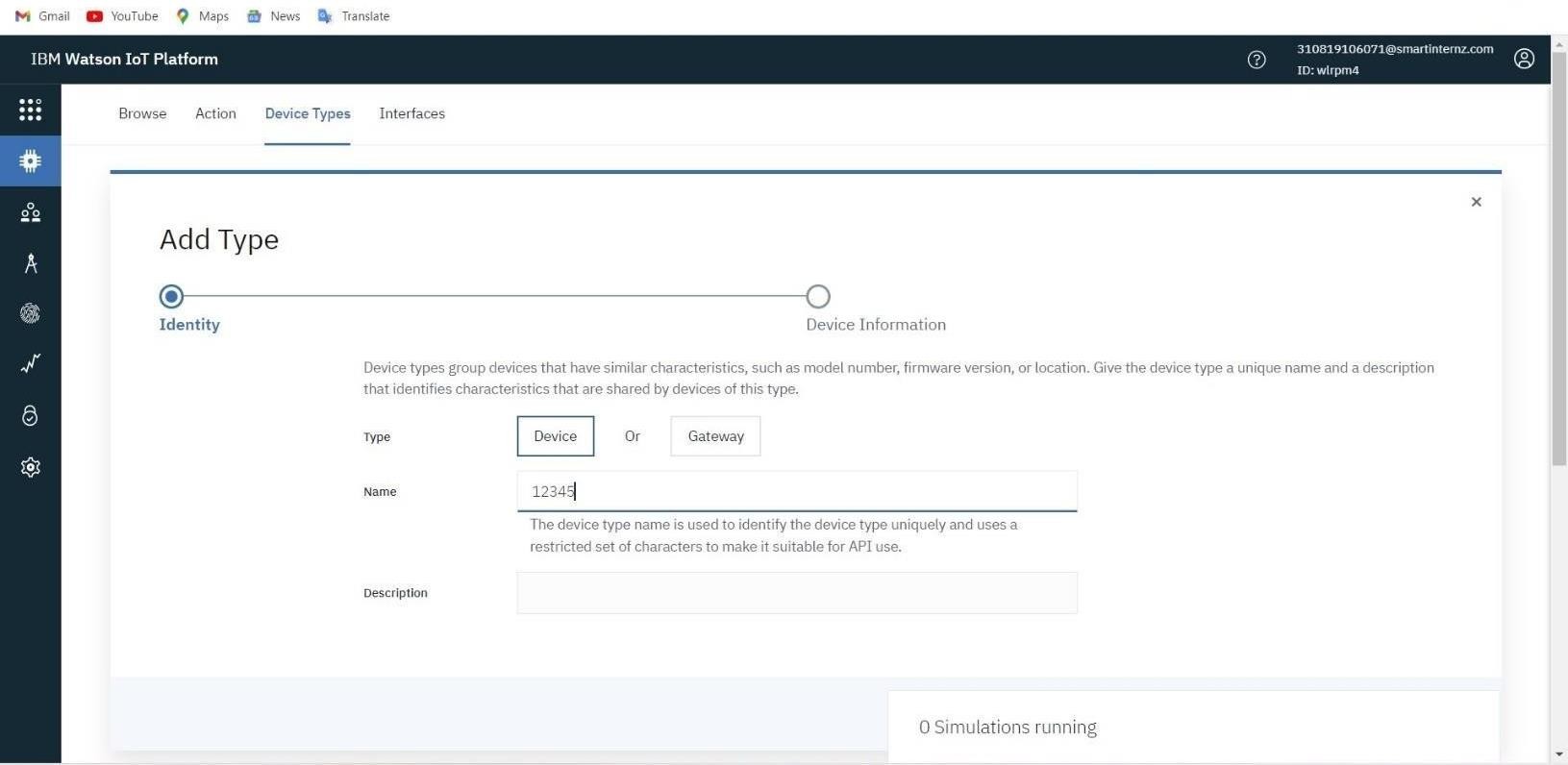


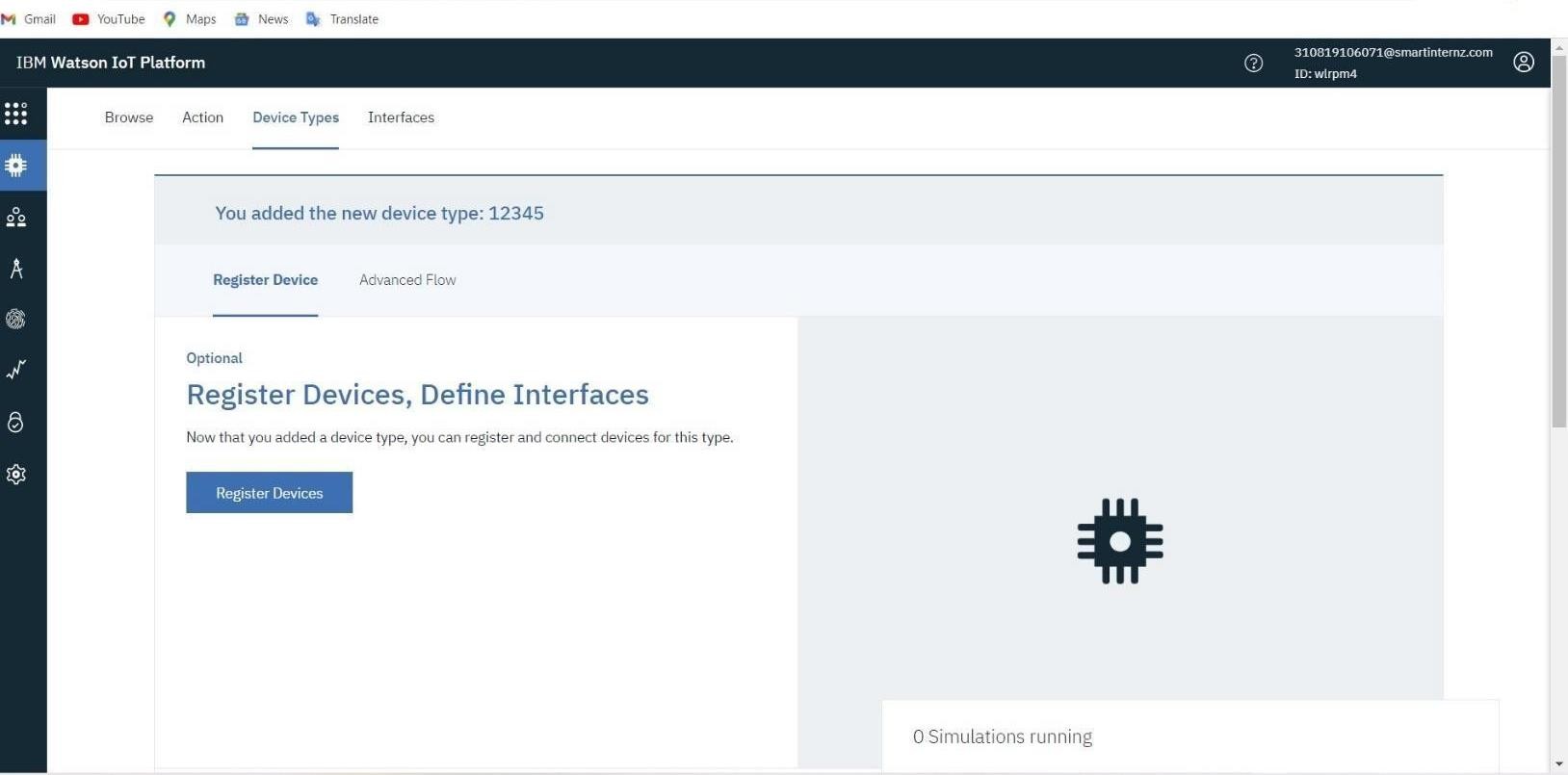
Step 15: Click on Add Device.



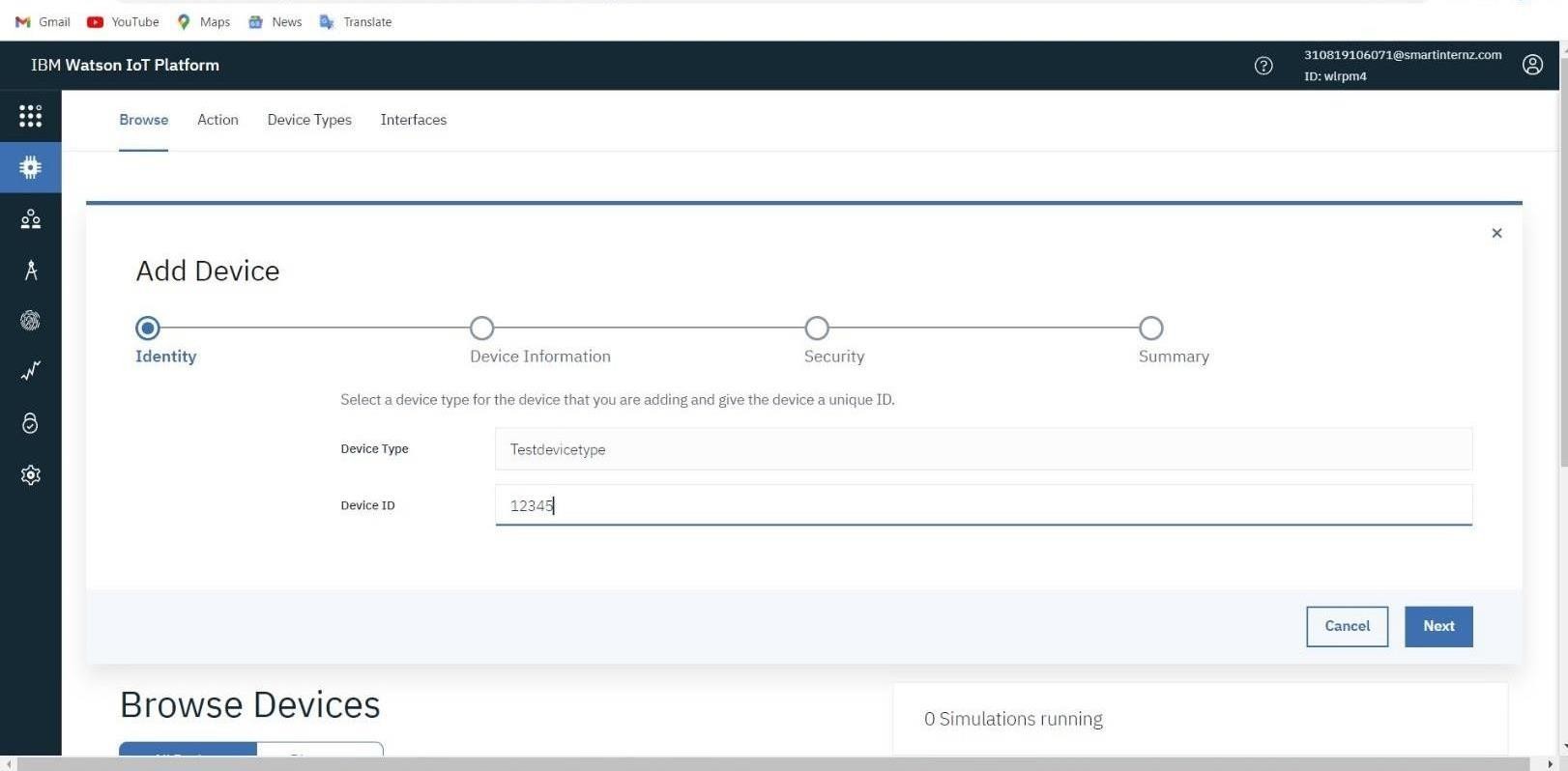


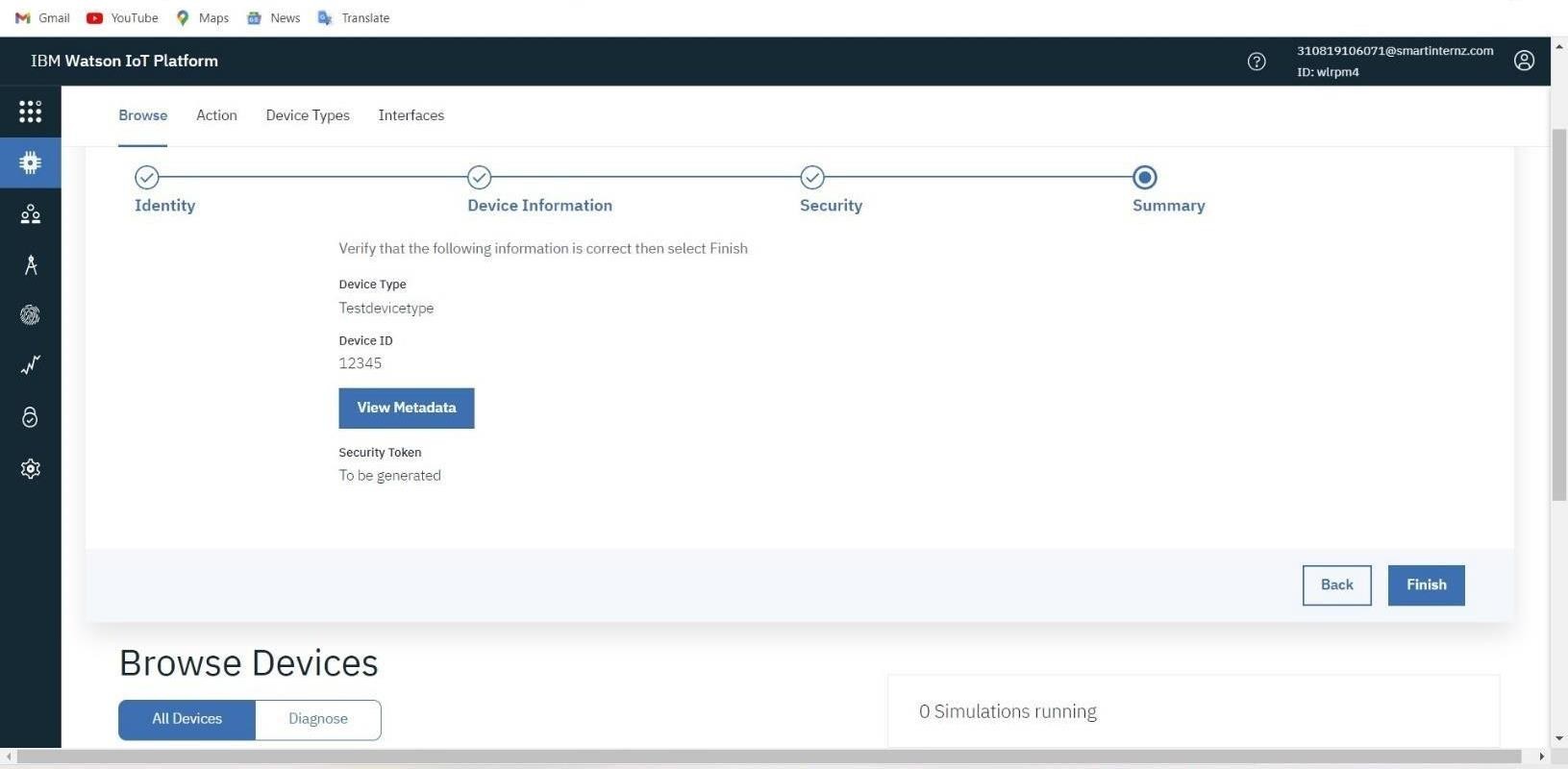
Step 17: Fill the details.



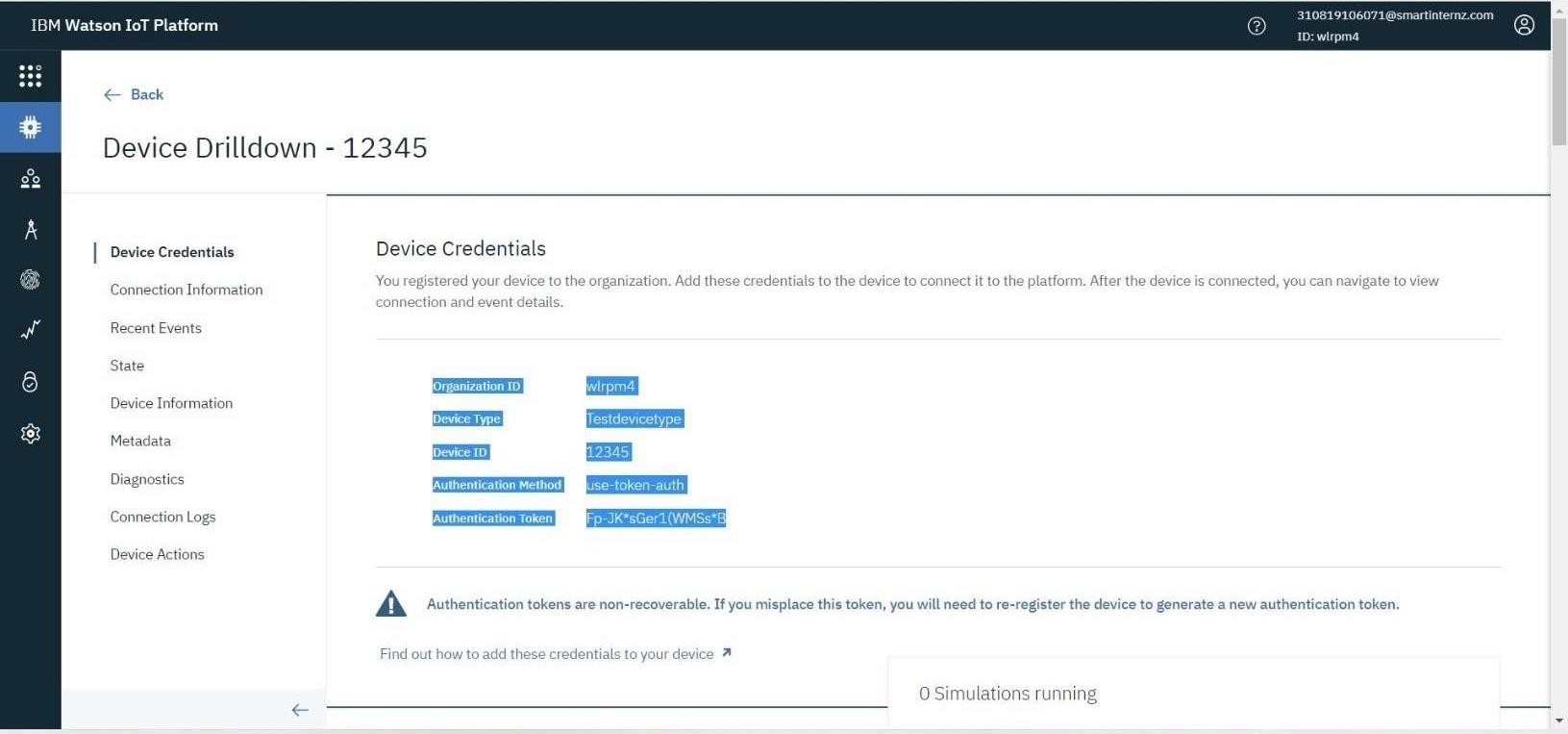


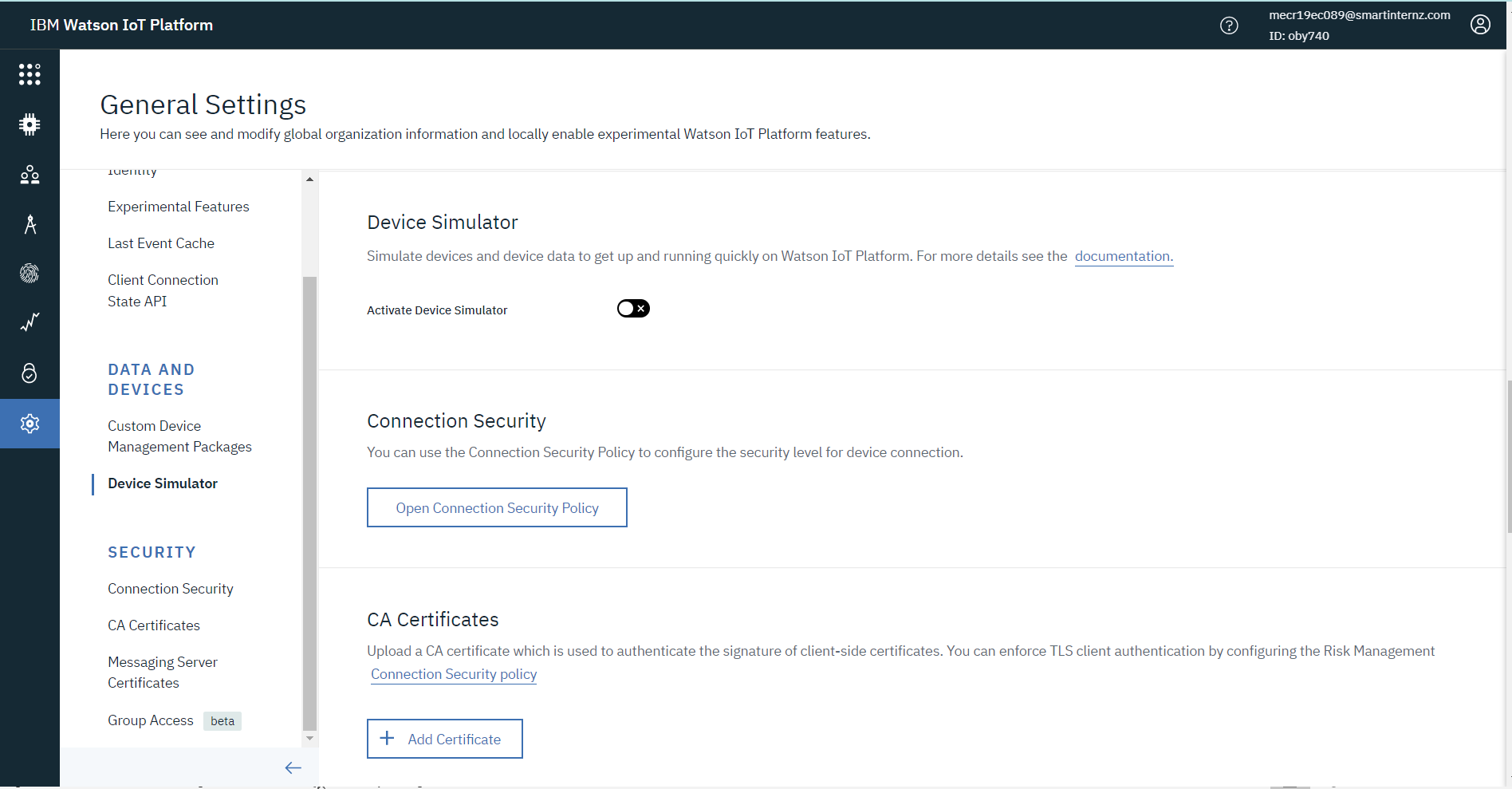
Step 19: Give the device name which you have created and give Device ID.



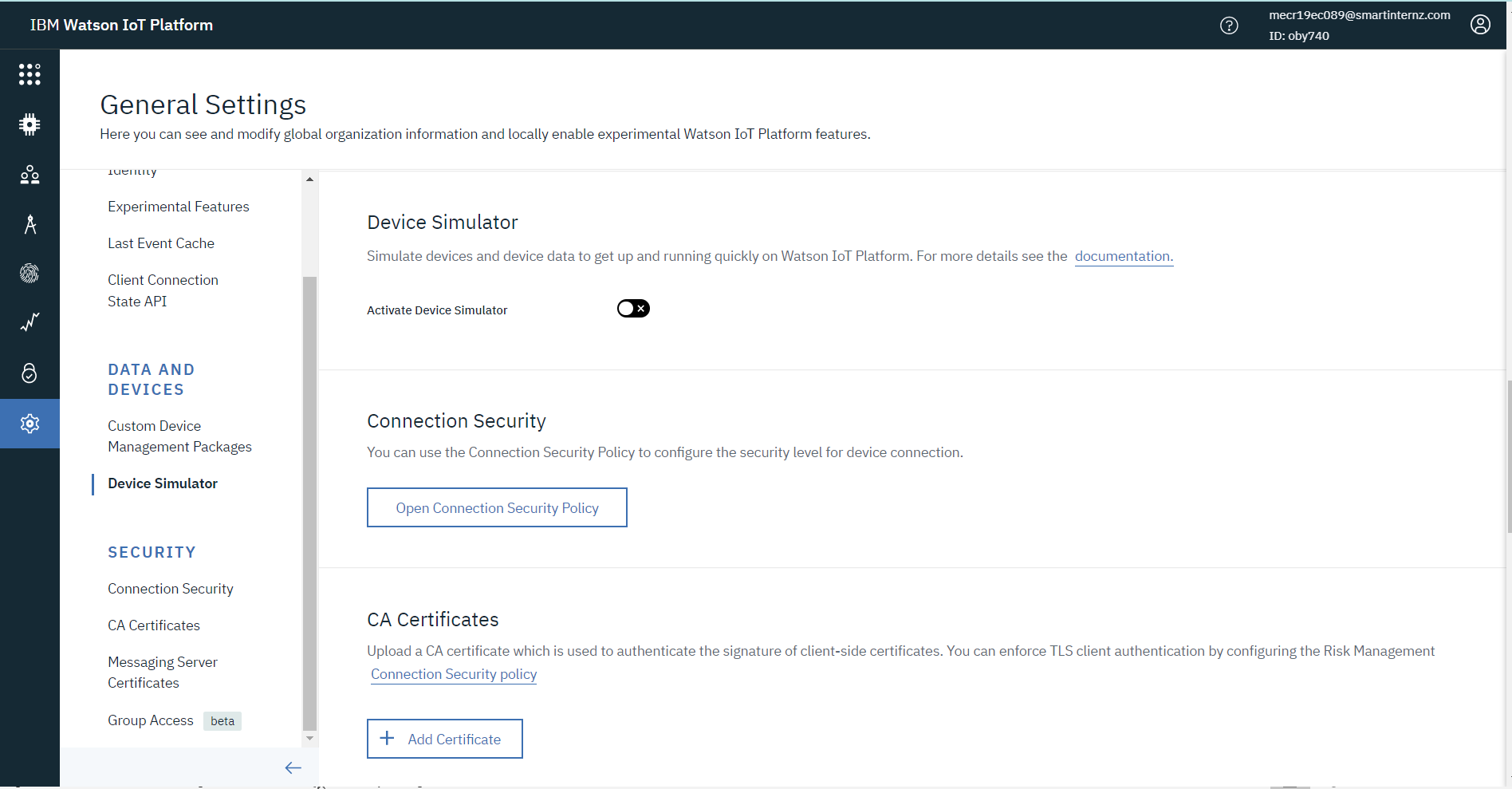


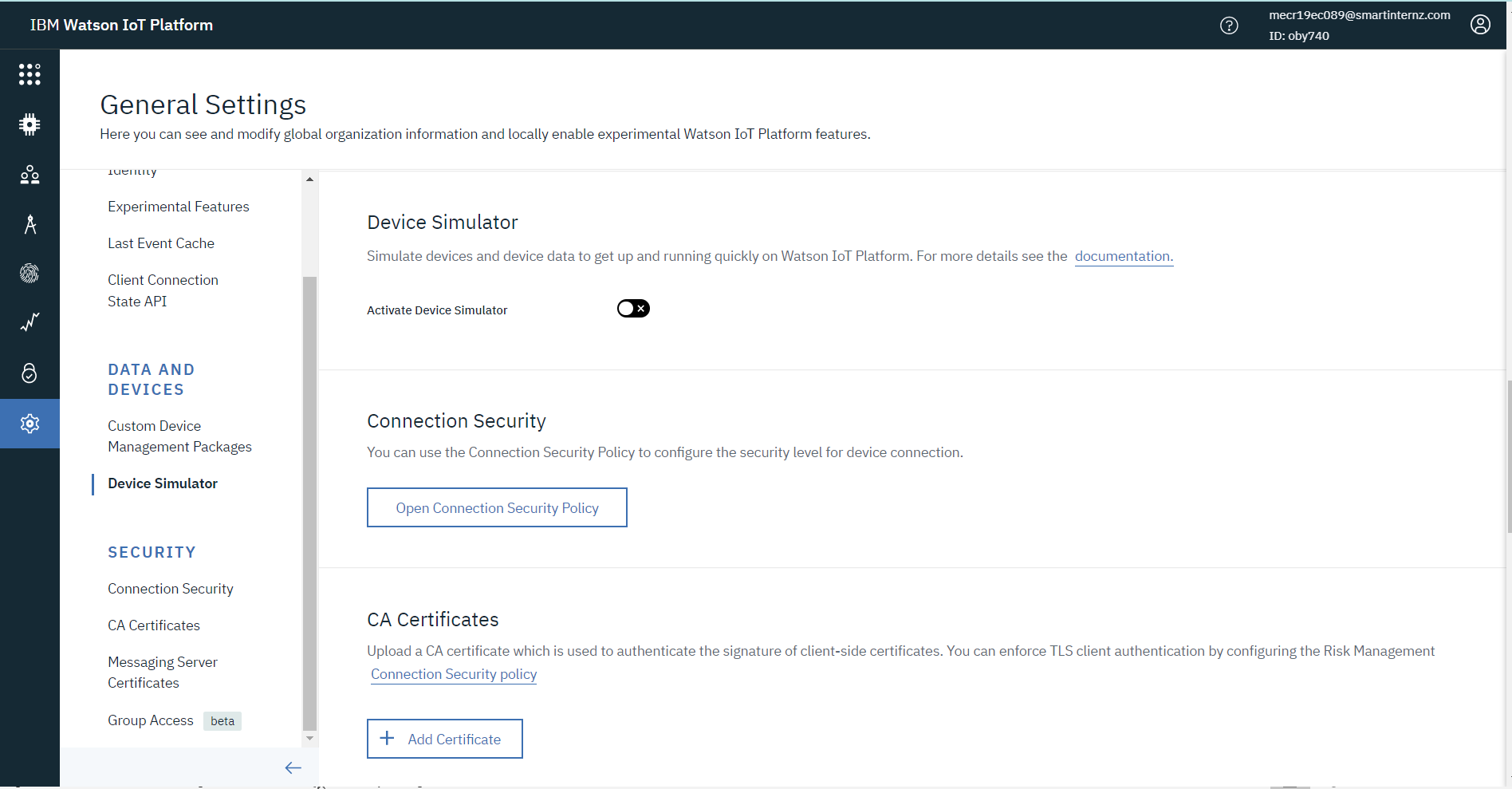
Step 21: After creating the device, Copy the Device Credentials.



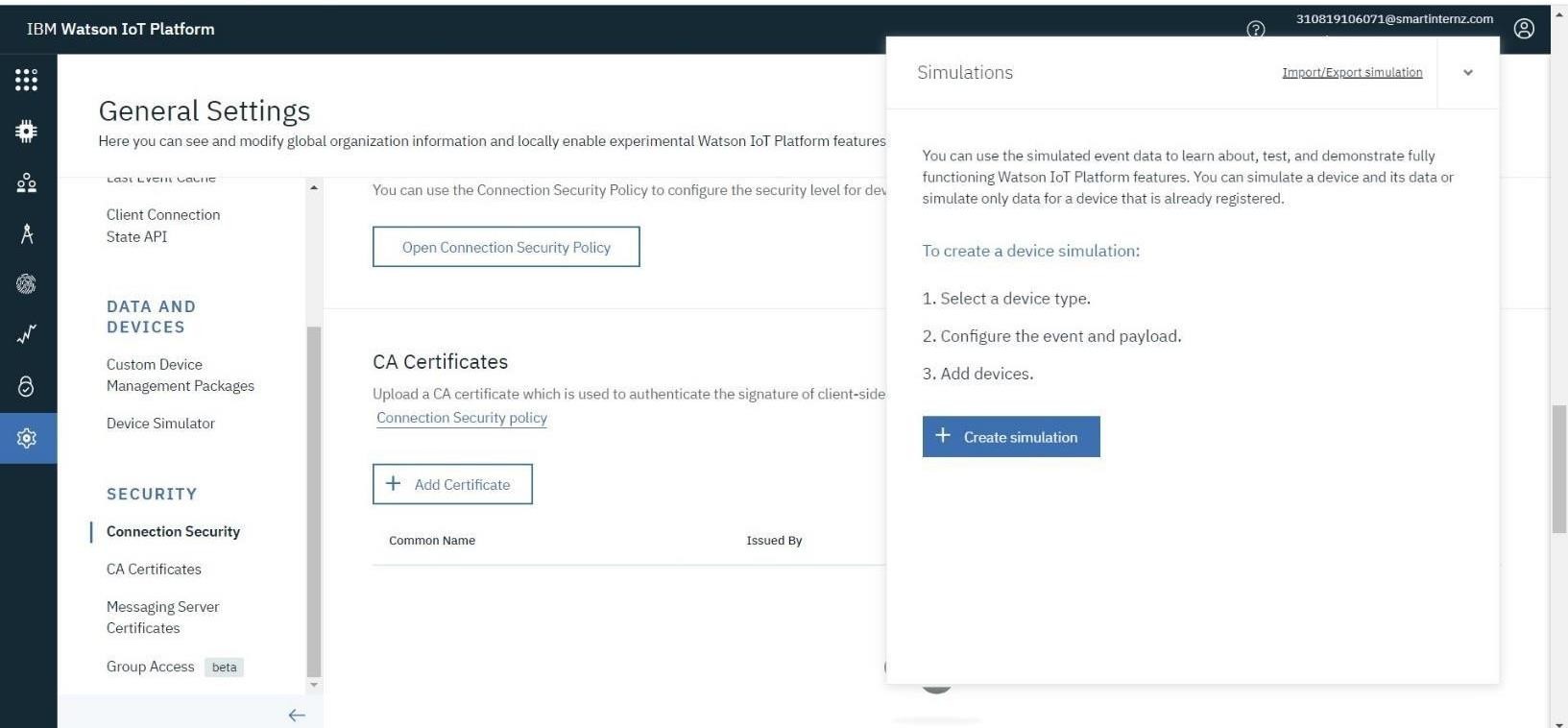


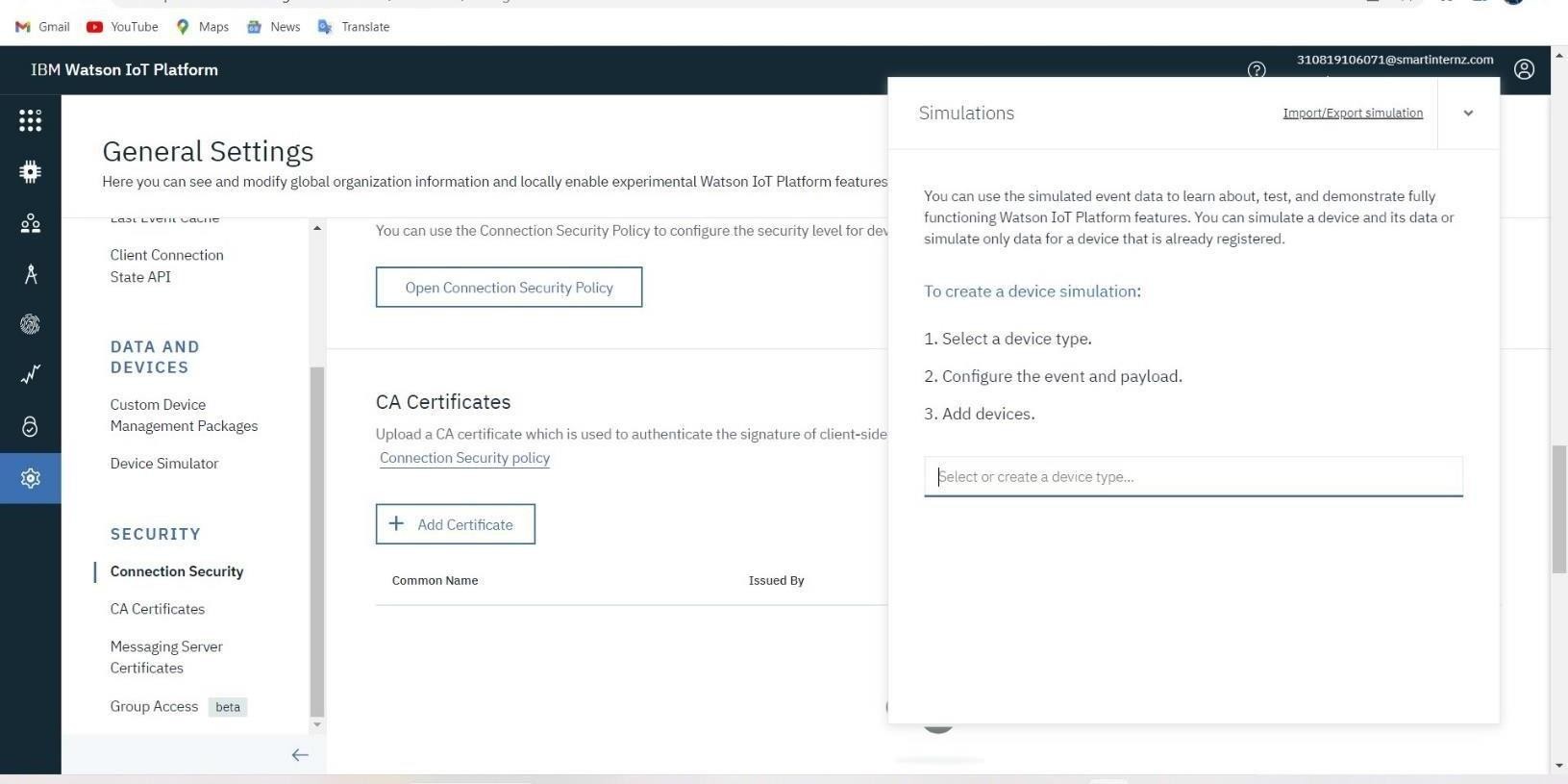
Step 23: Then click on Device Simulator and Activate Device Simulator.



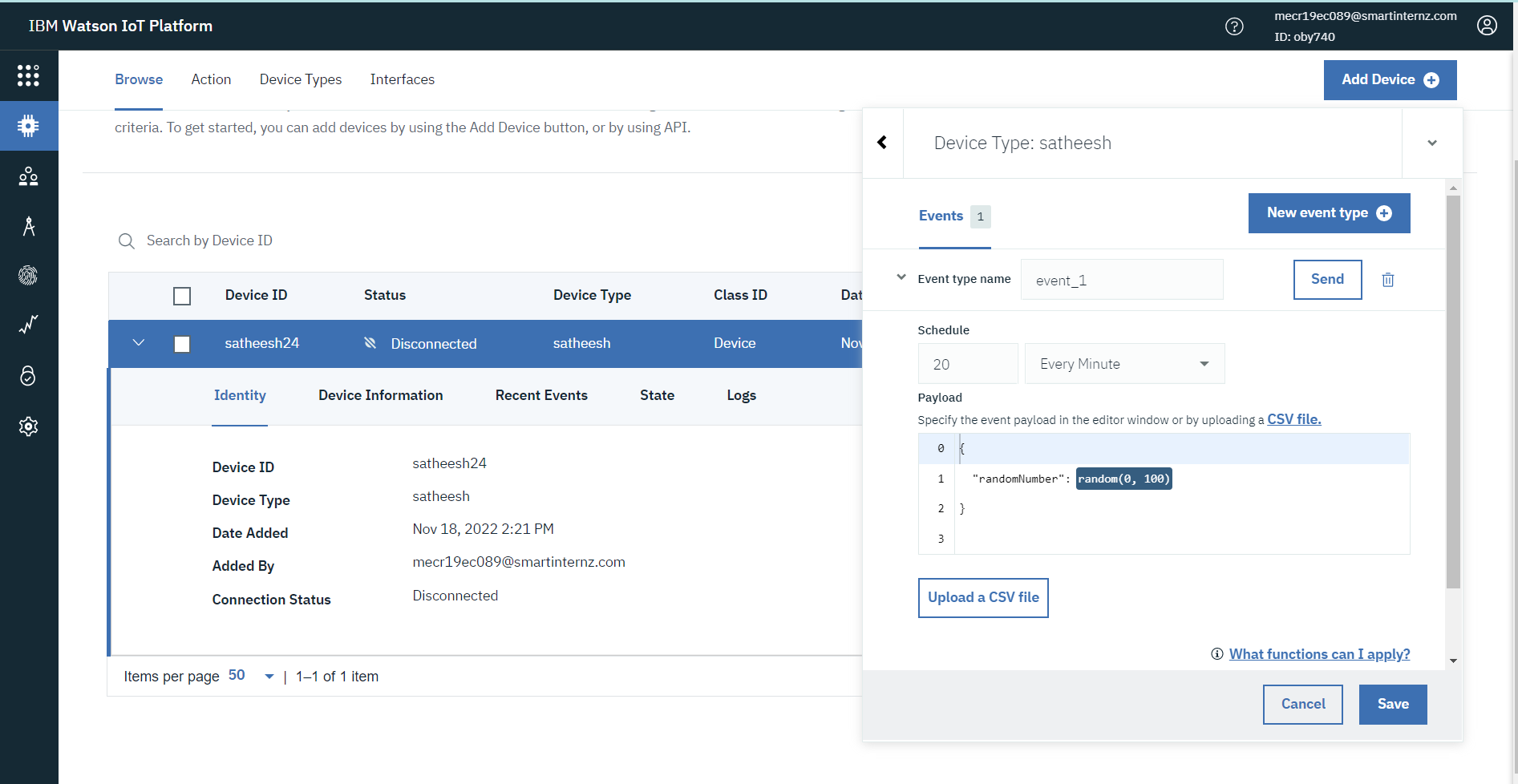


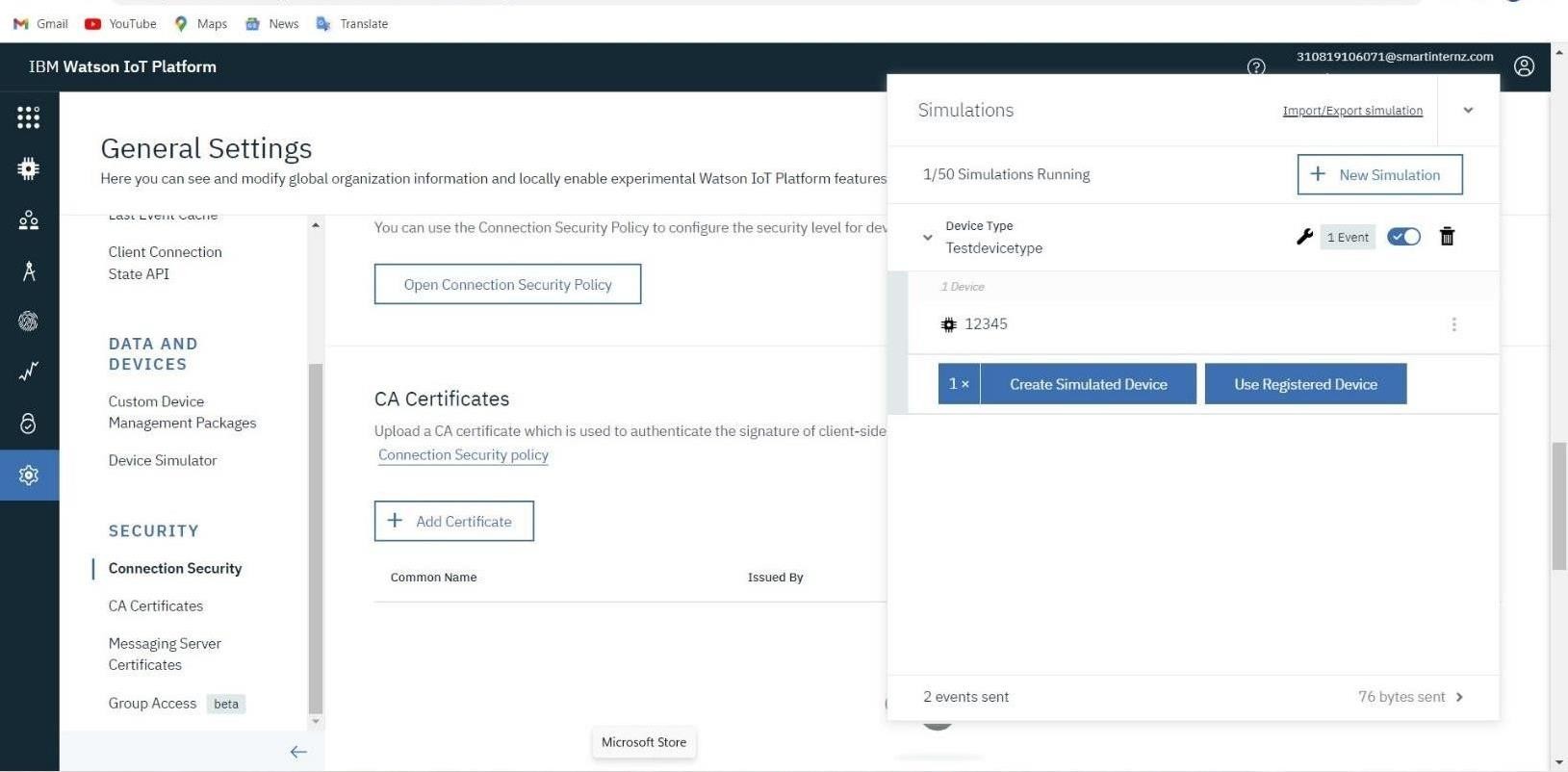
Step 25: Click on Create Simulation.



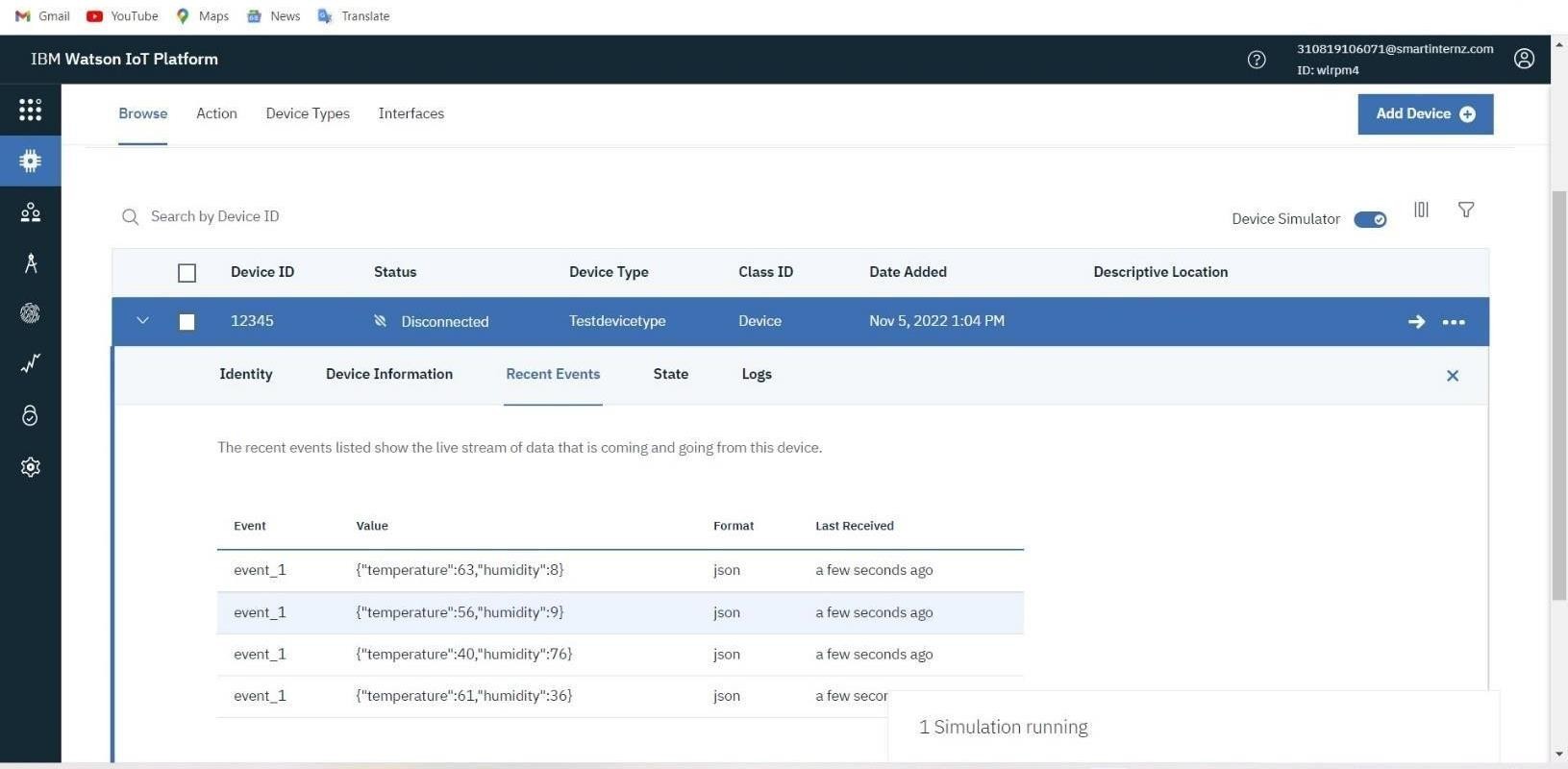


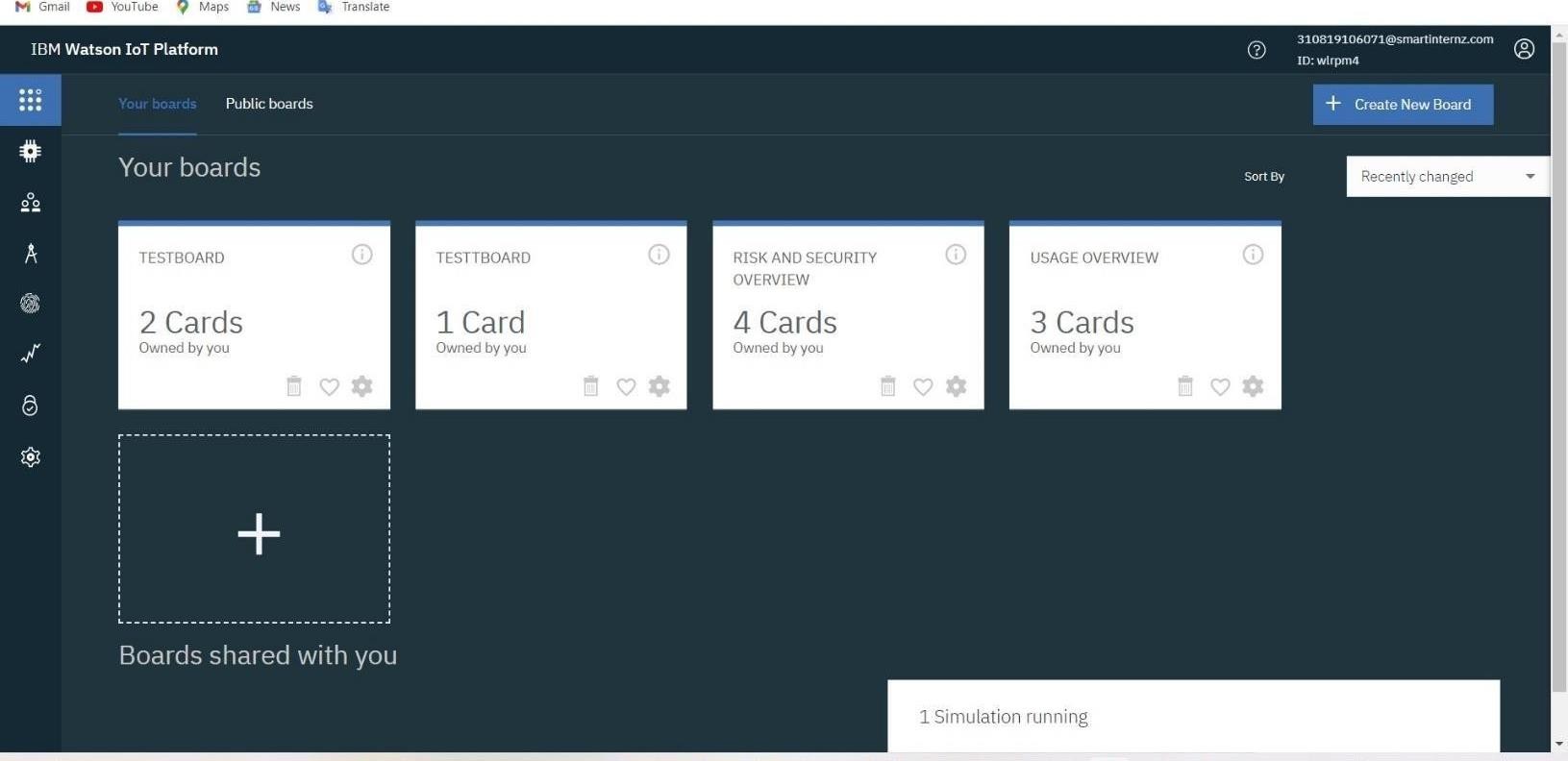
Step 27: Type the code.



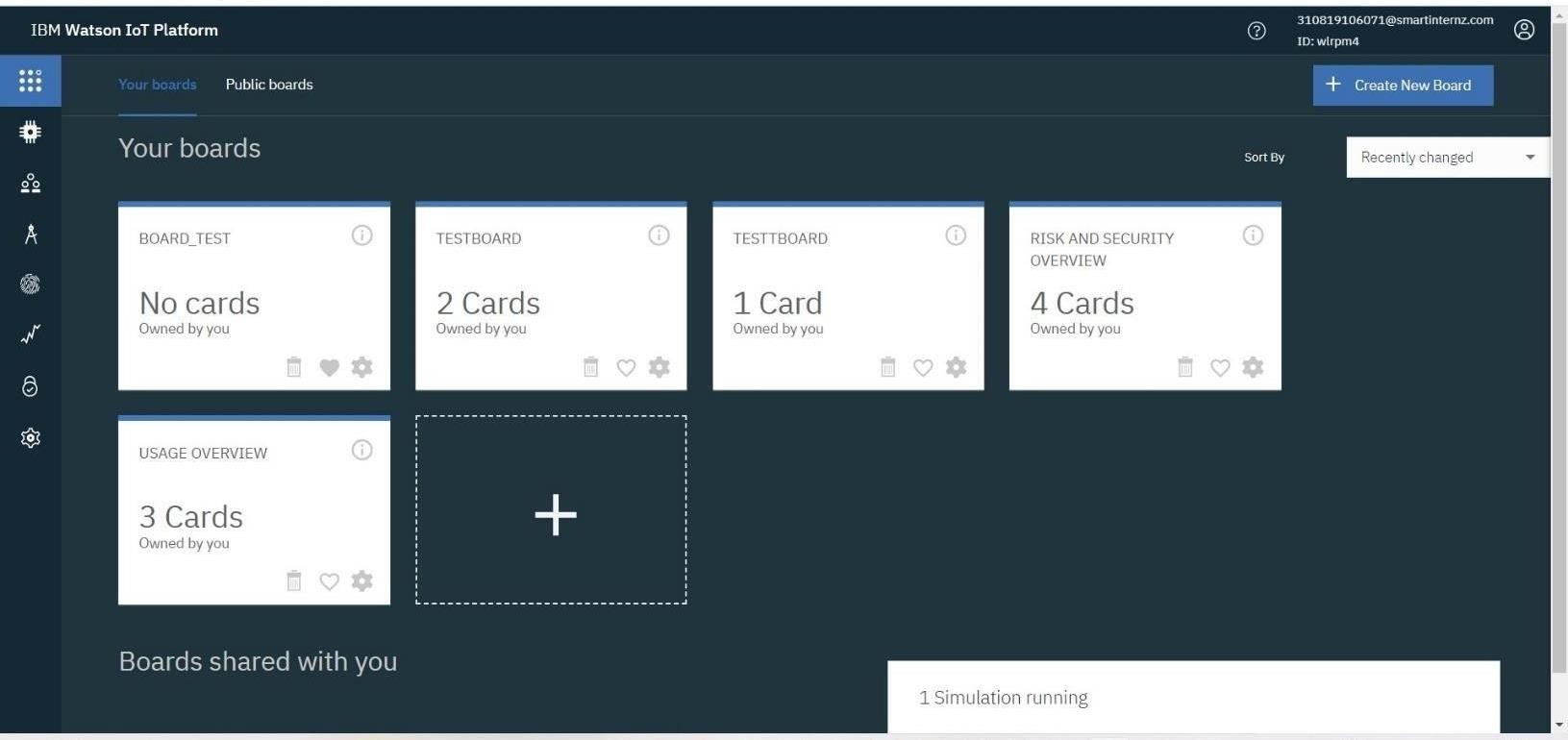


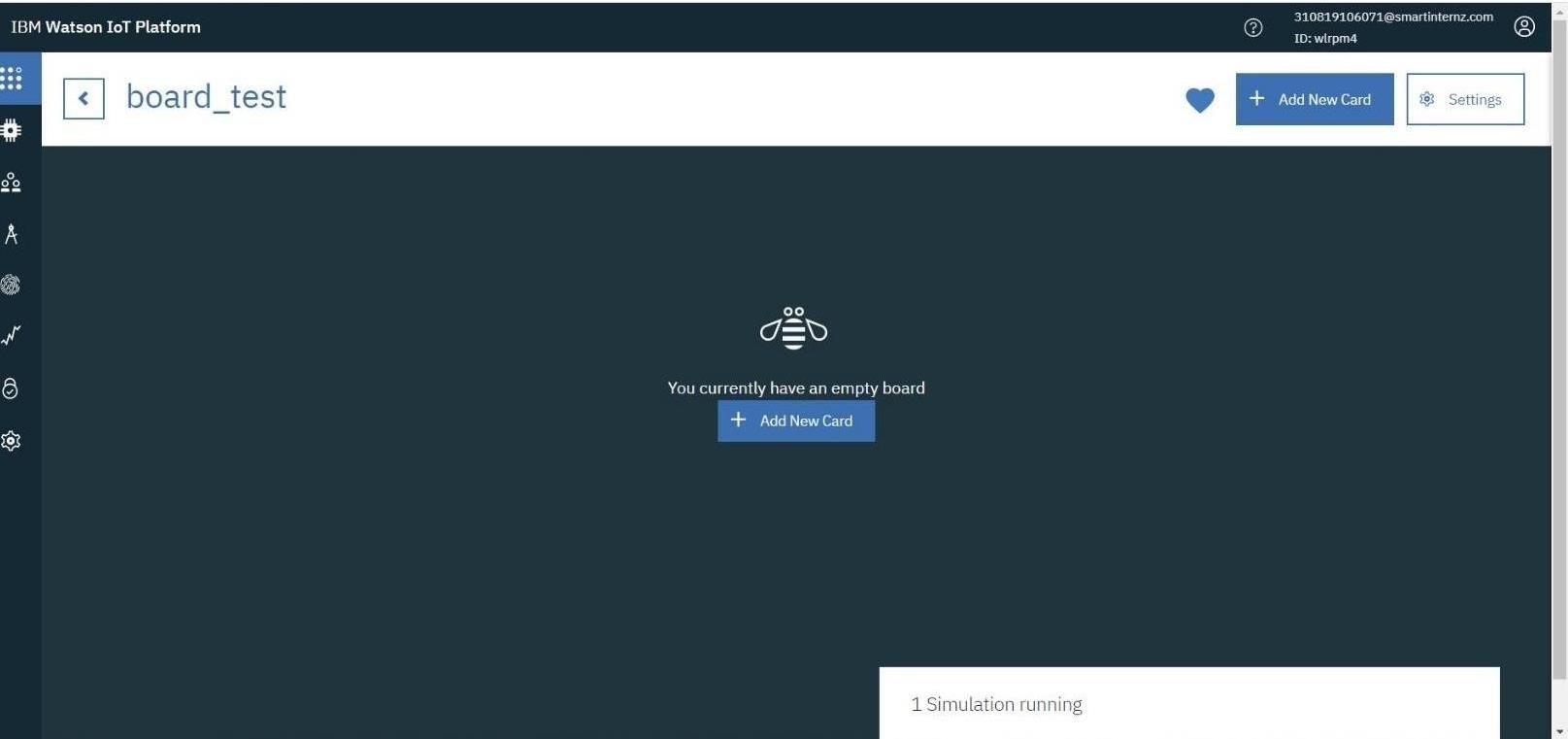
Step 29: Go to devices then click on devices and check the recent events whether the code is running or not.



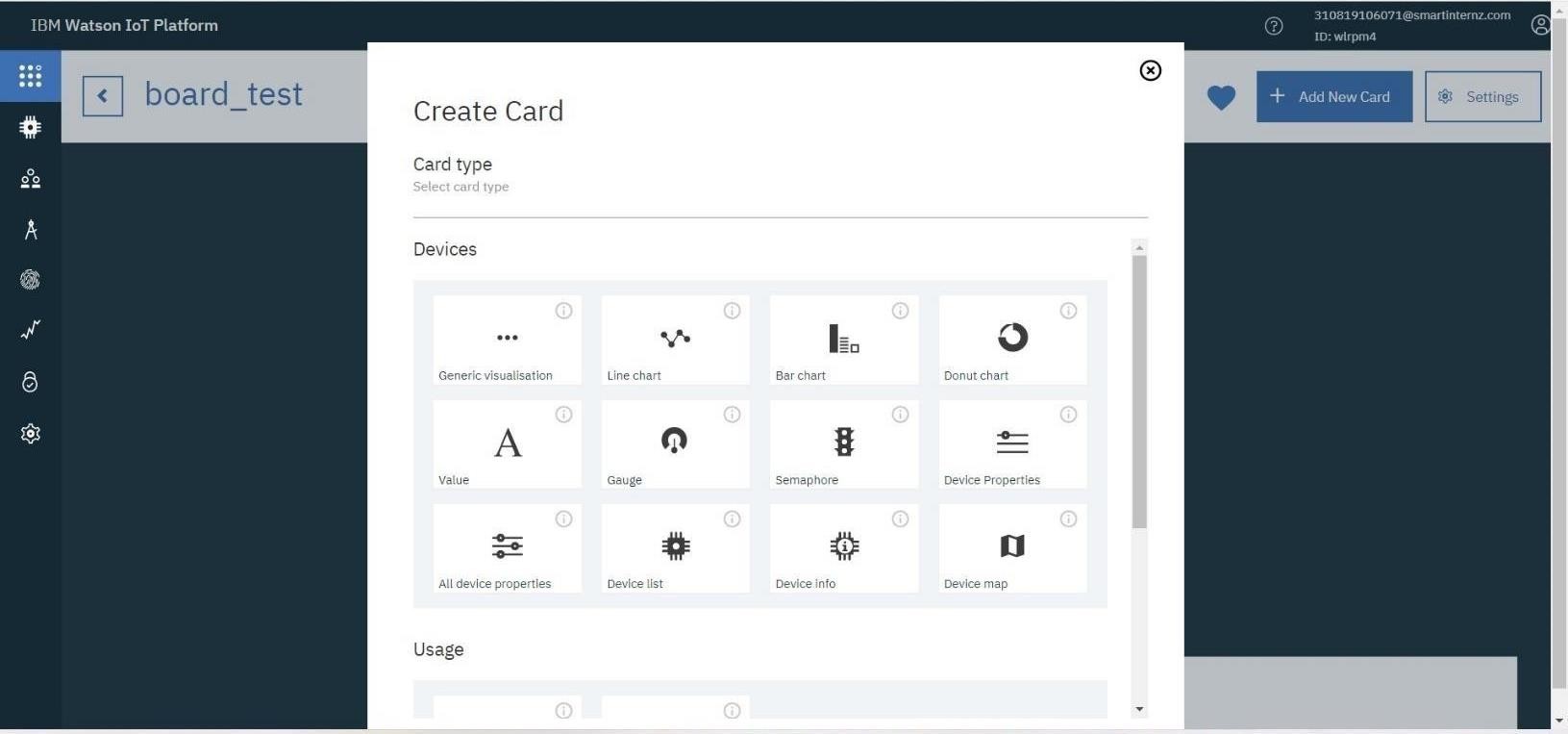


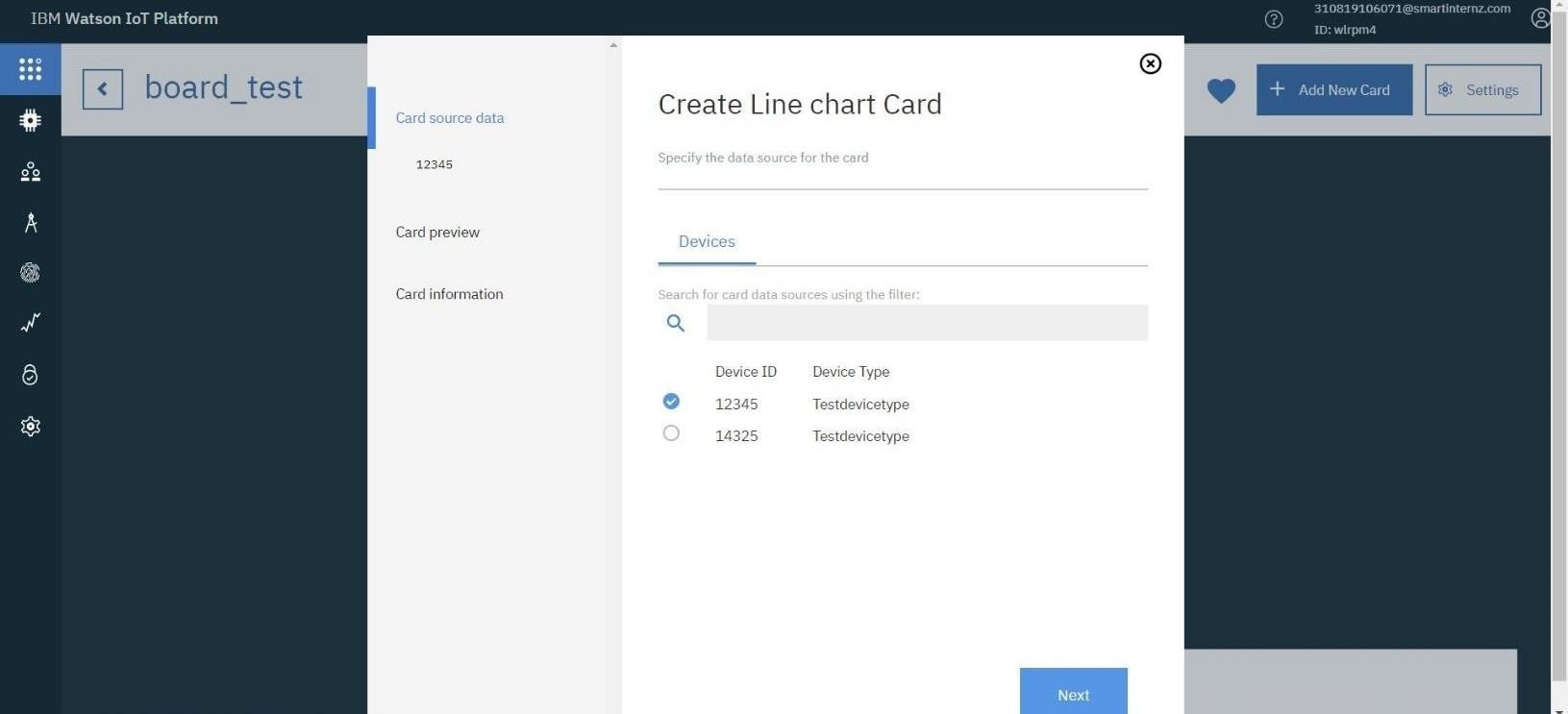
Step 31: Click on the board which is created.



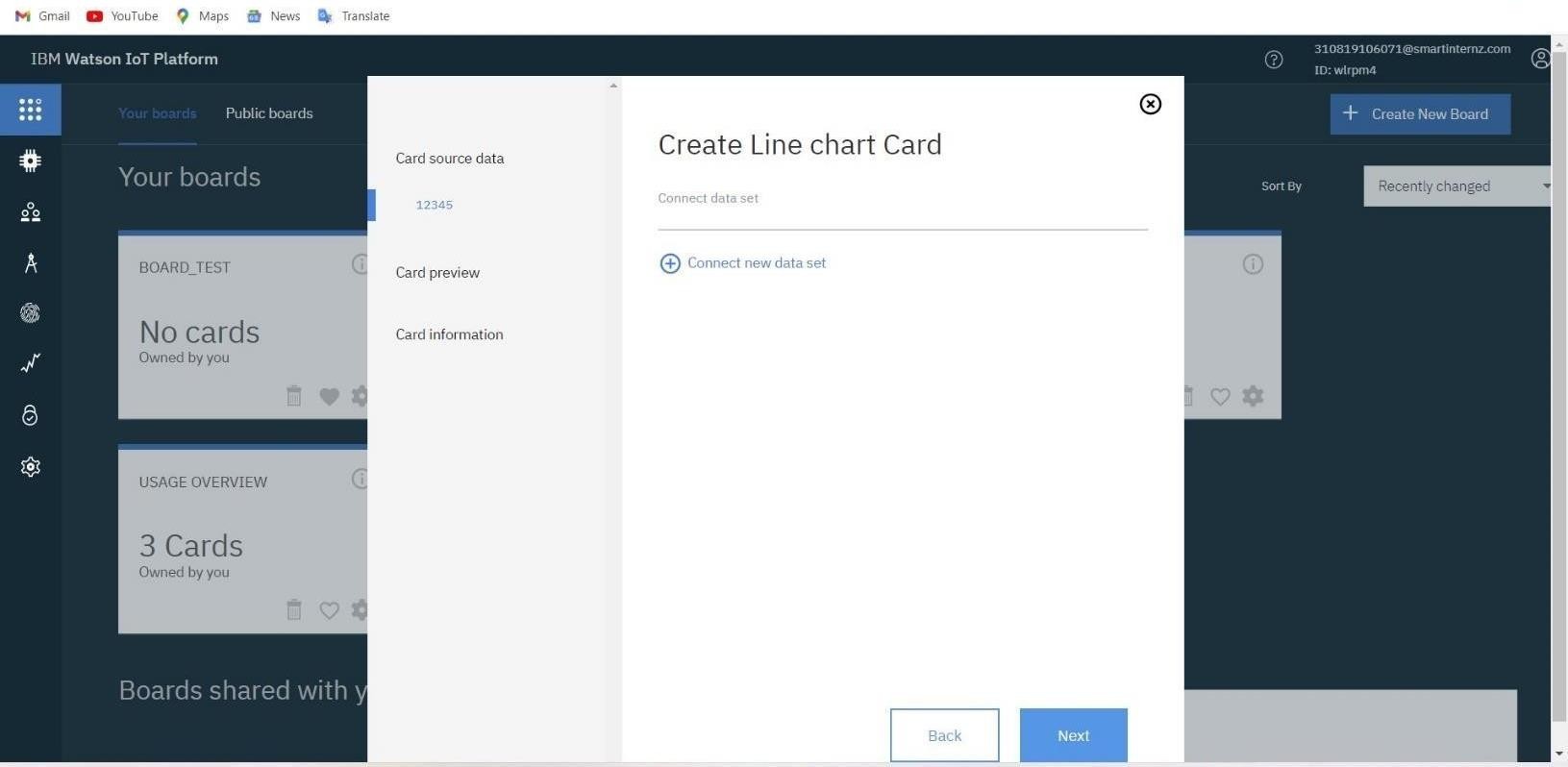


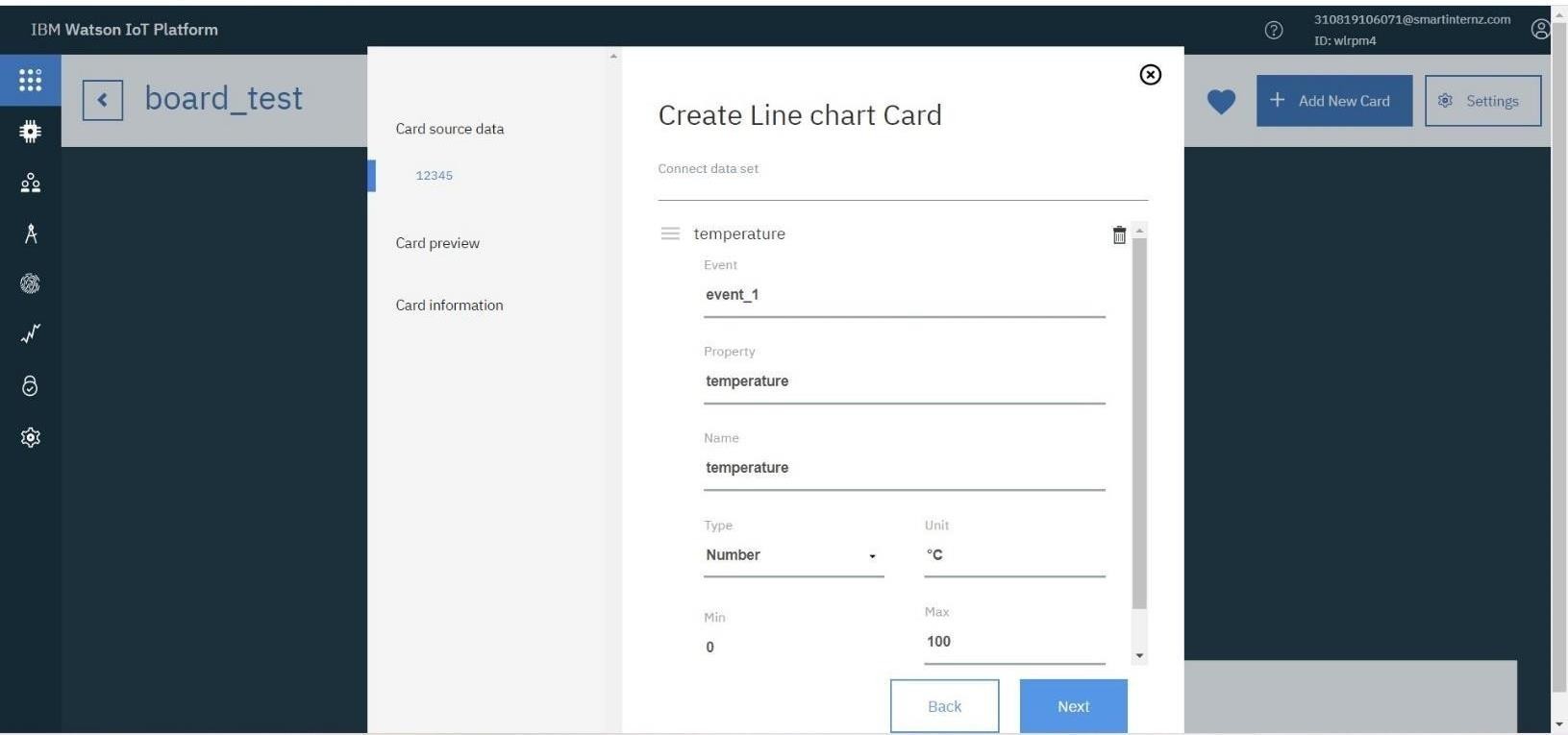
Step 33: Choose the Card Type.



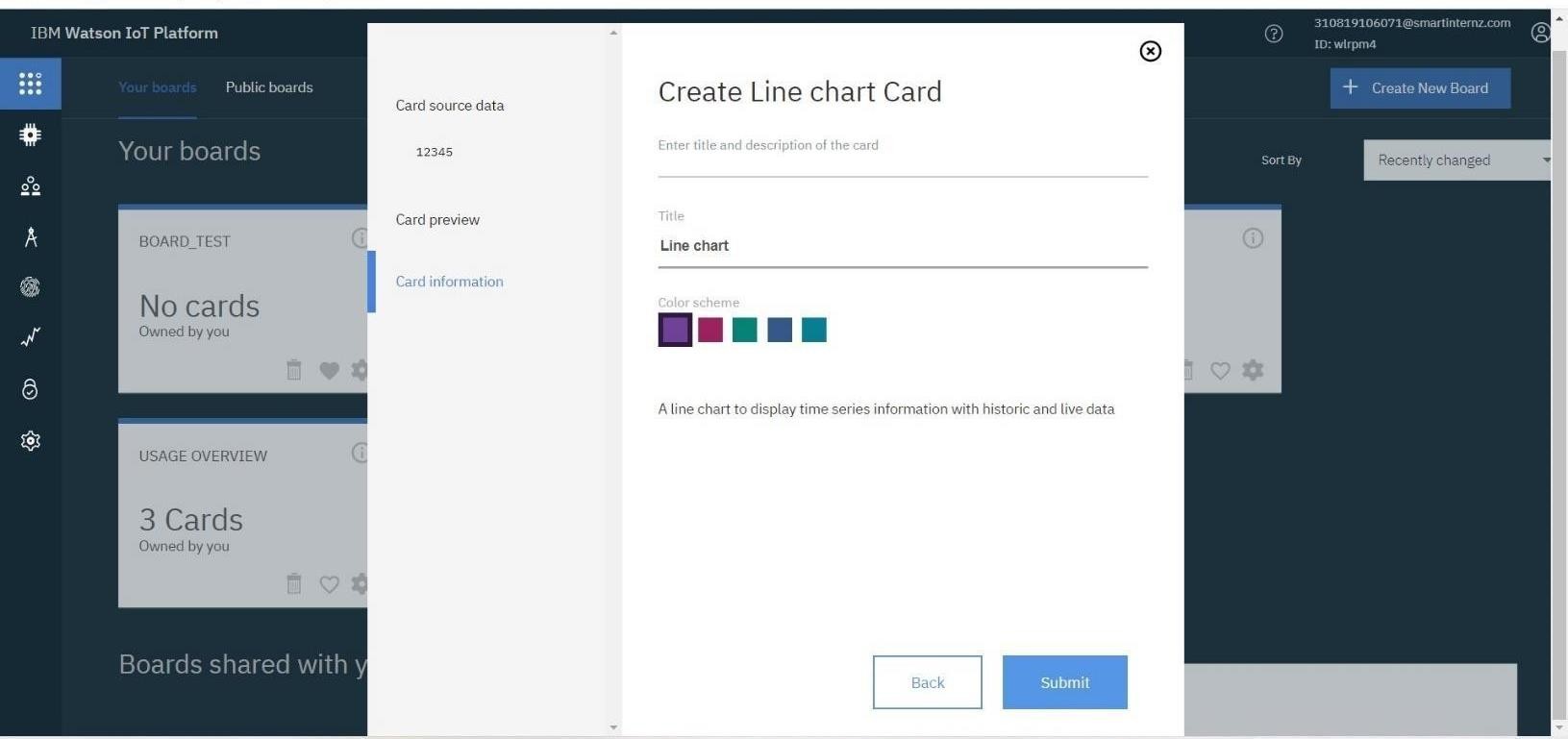


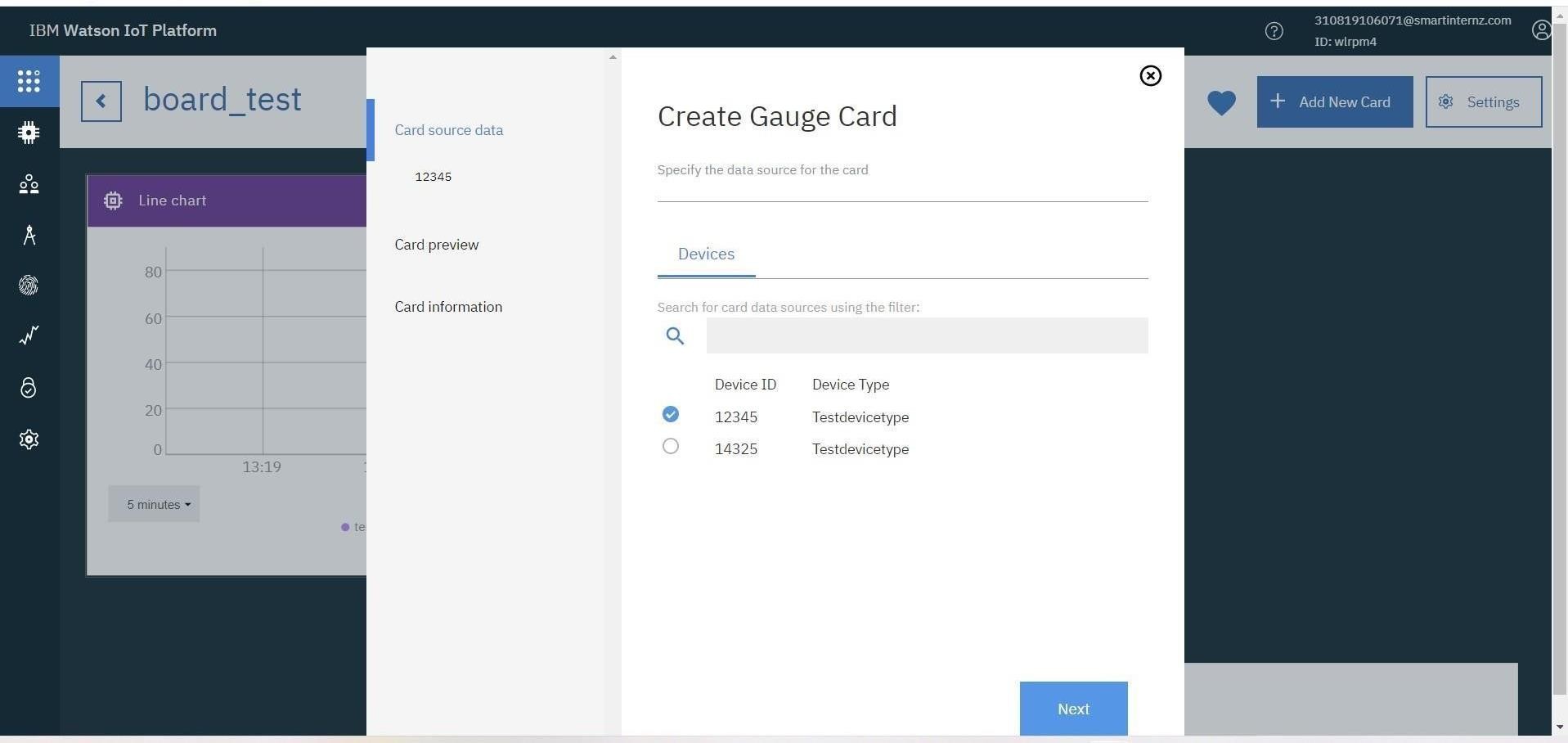
Step 35: Click on Connect new data set.



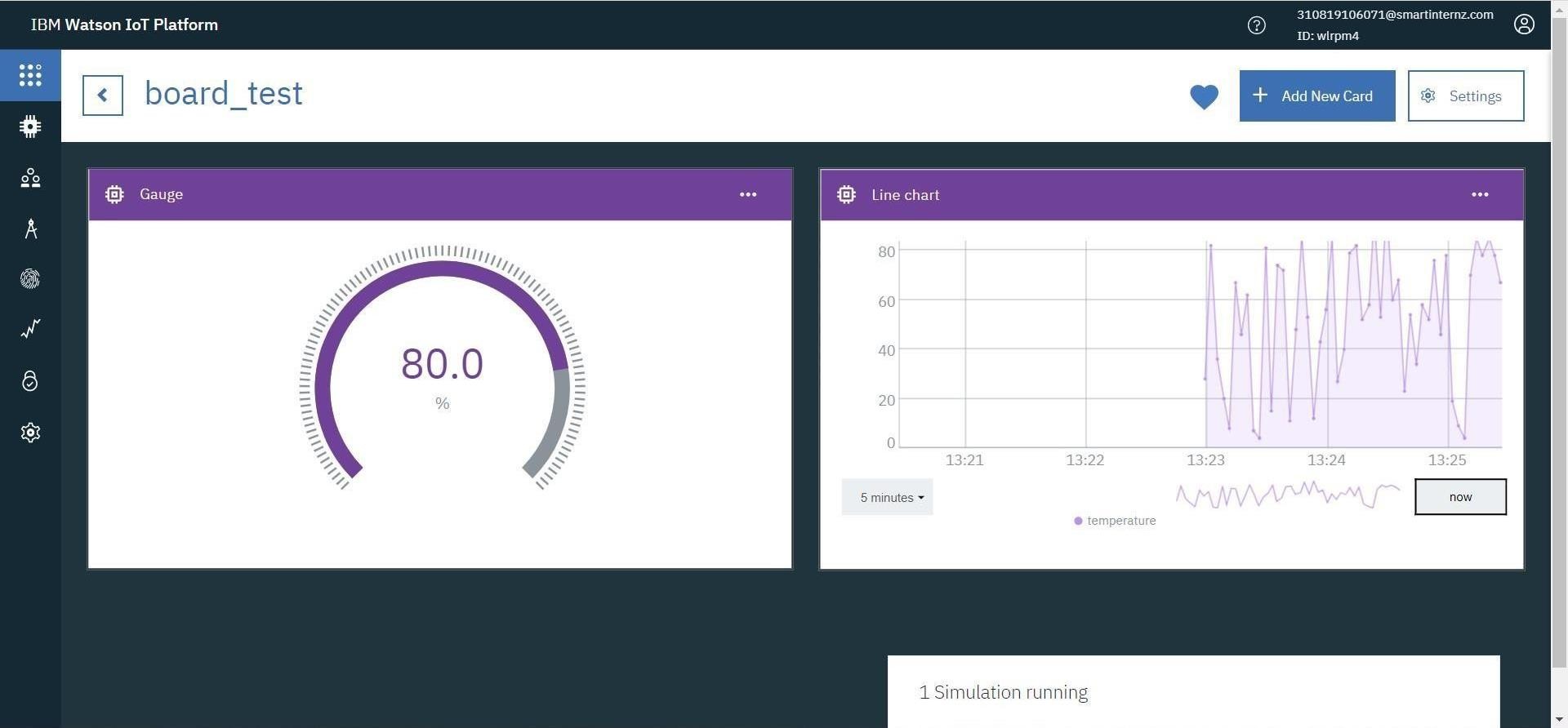


Step 37: Choose the Colour.





Step 39: Here is the Final graph.



# Result:

An IBM Watson cloud for IoT and a device is created successfully.