CREATING AND CONFIGURING IBM WATSON IOT PLATFORM AND CREATING A DEVICE

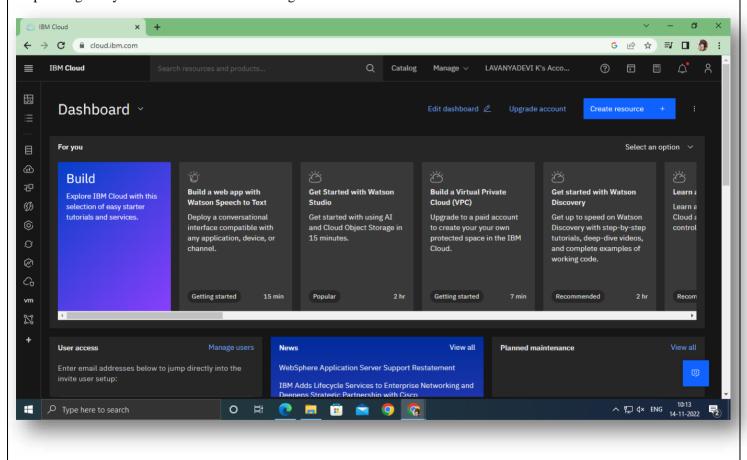
Date	14 November 2022
Team ID	PNT2022TMID51029
Project Name	Gas leakage monitoring and alerting system for industries

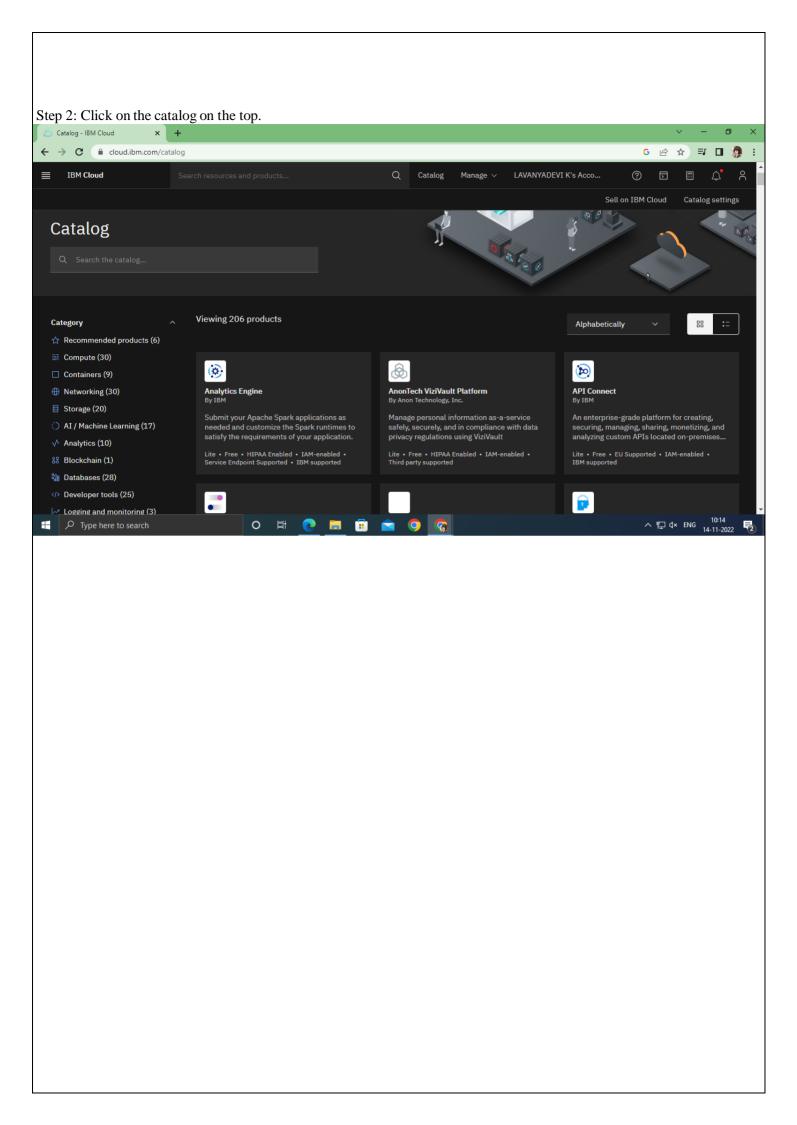
Aim:

To create and configure the IBM Watson IoT platform and create a device.

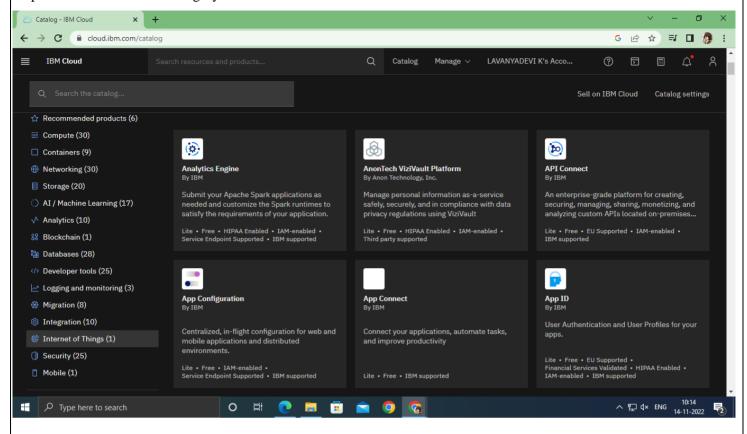
Steps to be followed:

Step 1: Login to your IBM Cloud account and go to dashboard

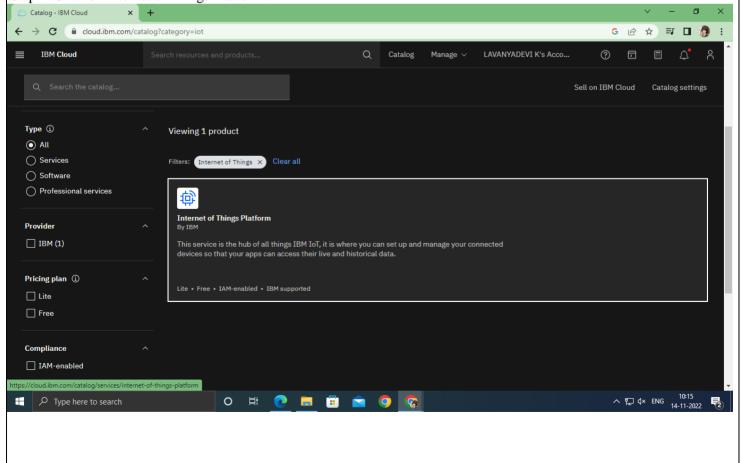




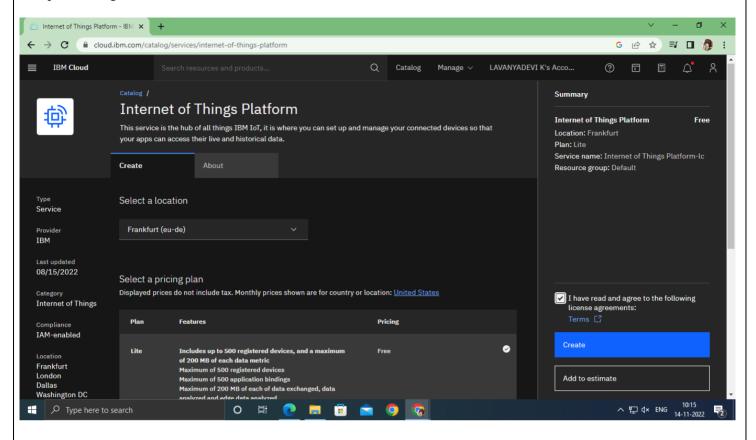
Step 3: Click on IoT in the category mentioned.

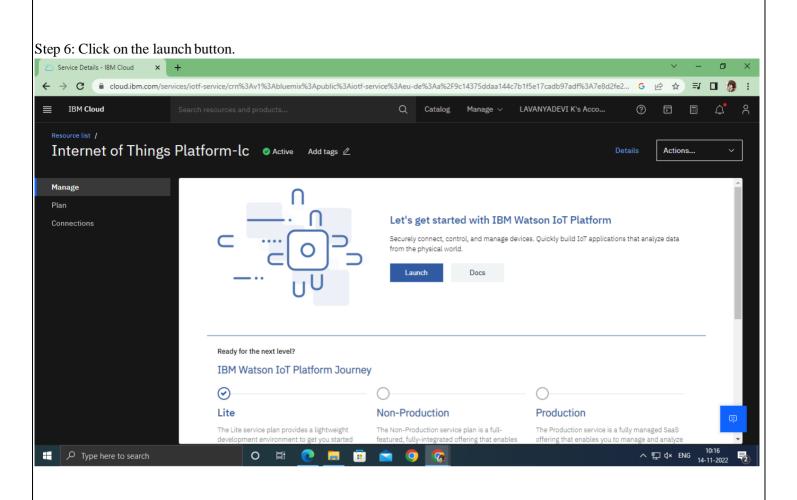


Step 4: Click on Internet of Things Platform.

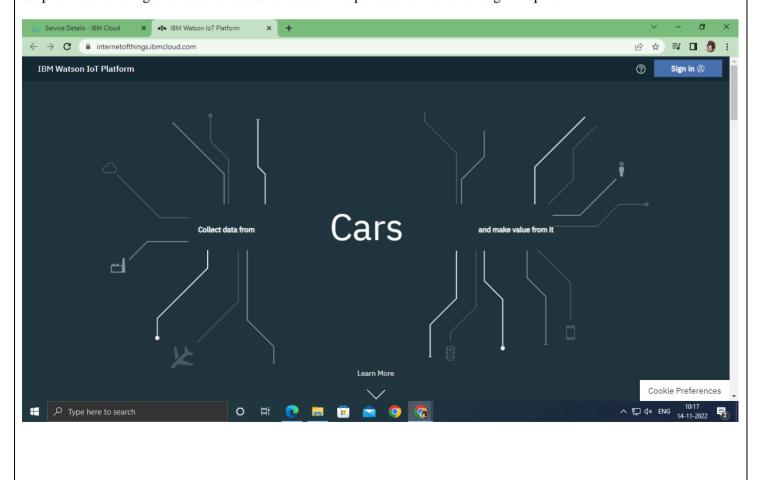


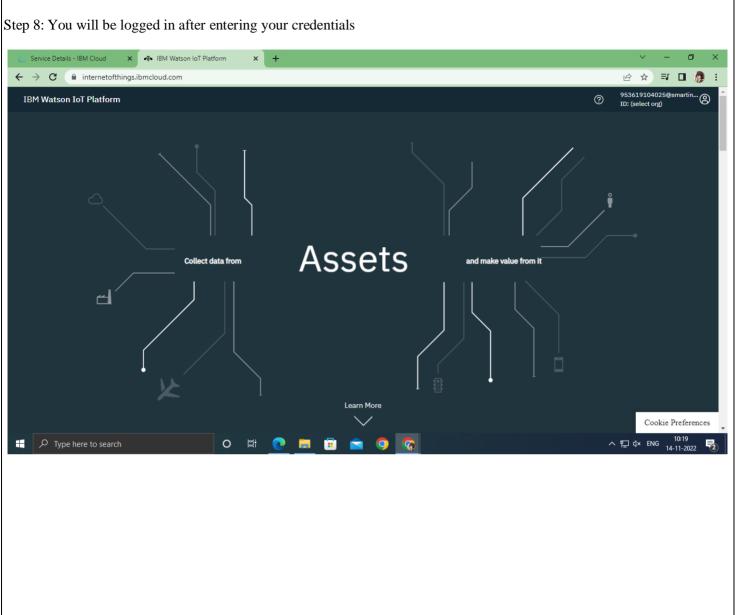
Step 5: Tick agreements and then click on create.



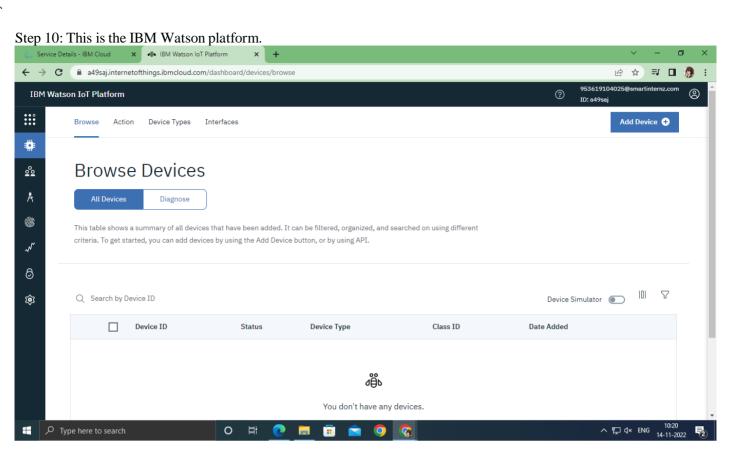


Step 7: After clicking on the launch button this tab will open and now click on sign in option

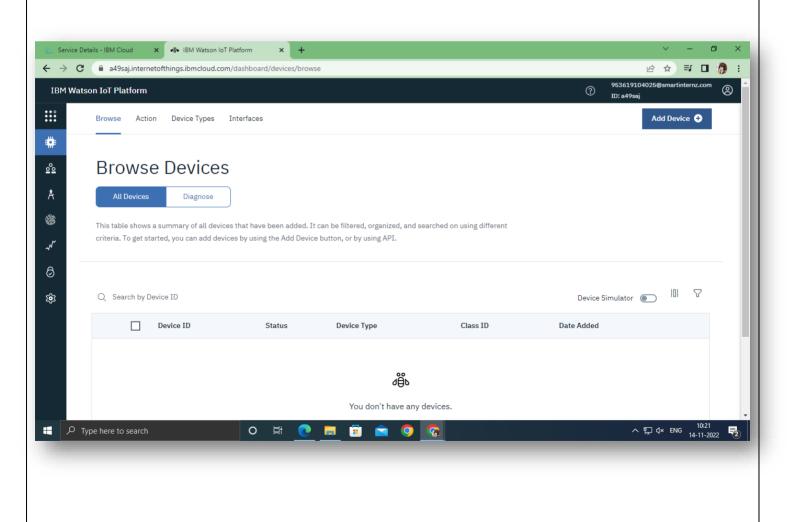


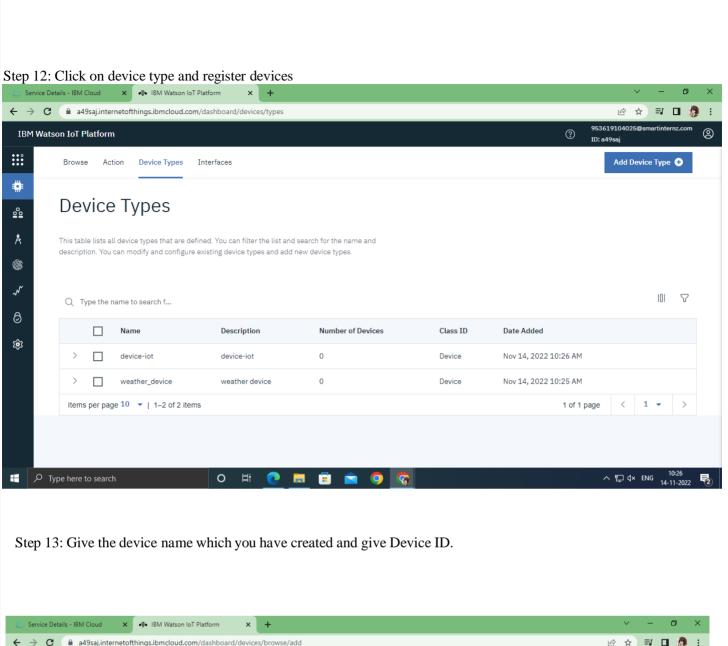


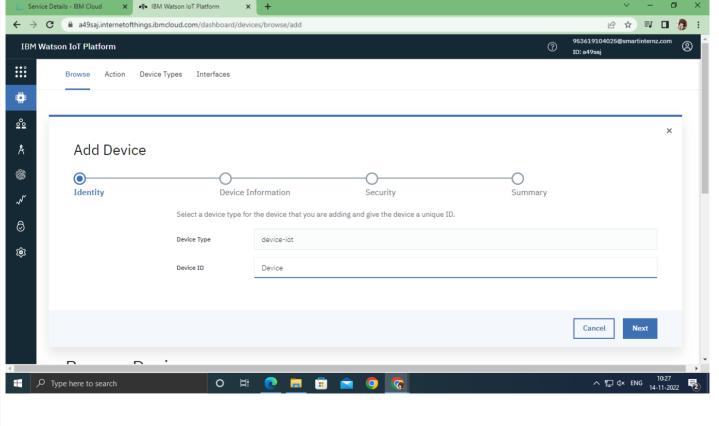
Step 9: Once it id logged in, the name will be displayed click on it and then click on Bluemix Free. × ✓ IBM Watson IoT Platform ← → C internetofthings.ibmcloud.com e 🖈 🗊 🗖 🥻 : 953619104025@sm ID: (select org) IBM Watson IoT Platform **a49saj** (ID a49saj) Bluemix Free Equipment Collect data from Cookie Preferences ヘ 厚 (× ENG 10:20 14-11-2022 ₩ P Type here to search



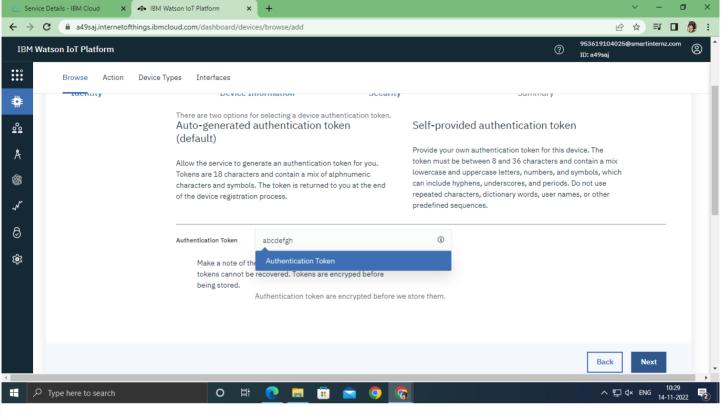
Step 11: Click on Add Device.



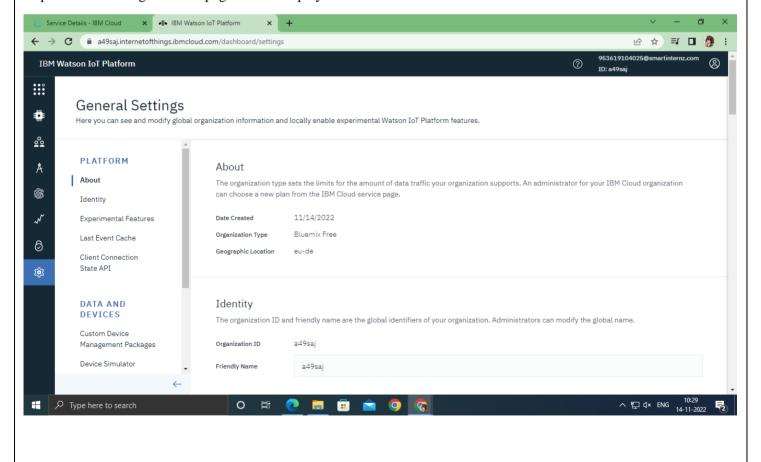


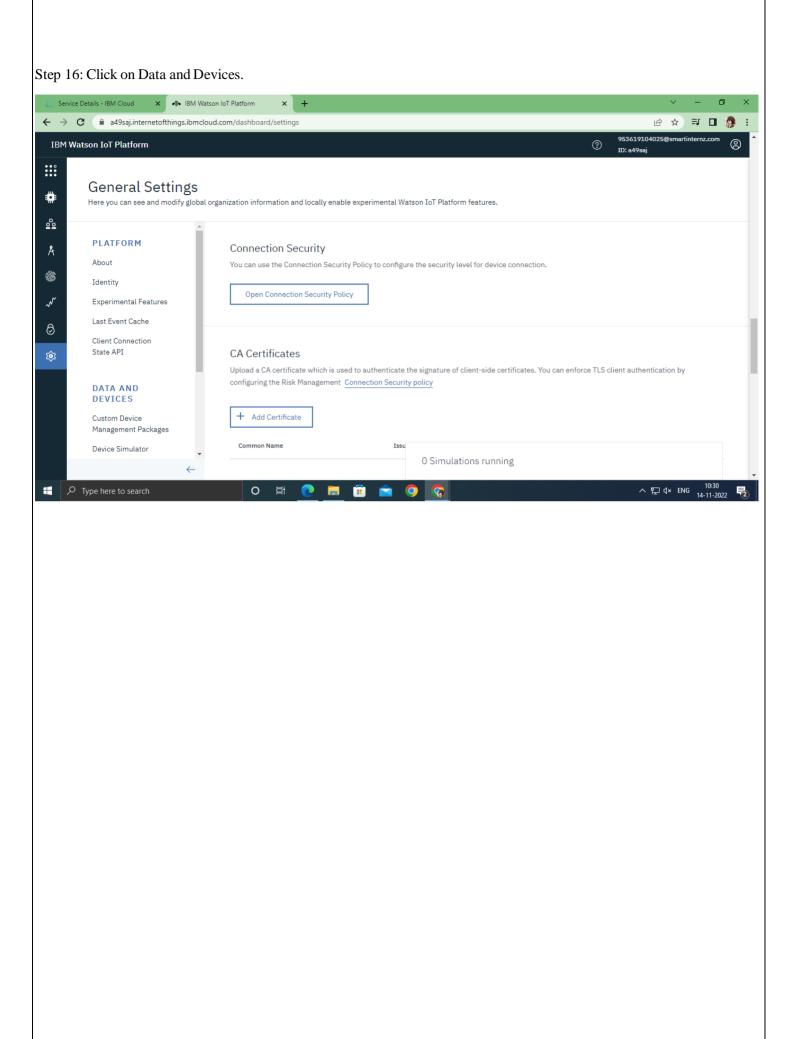


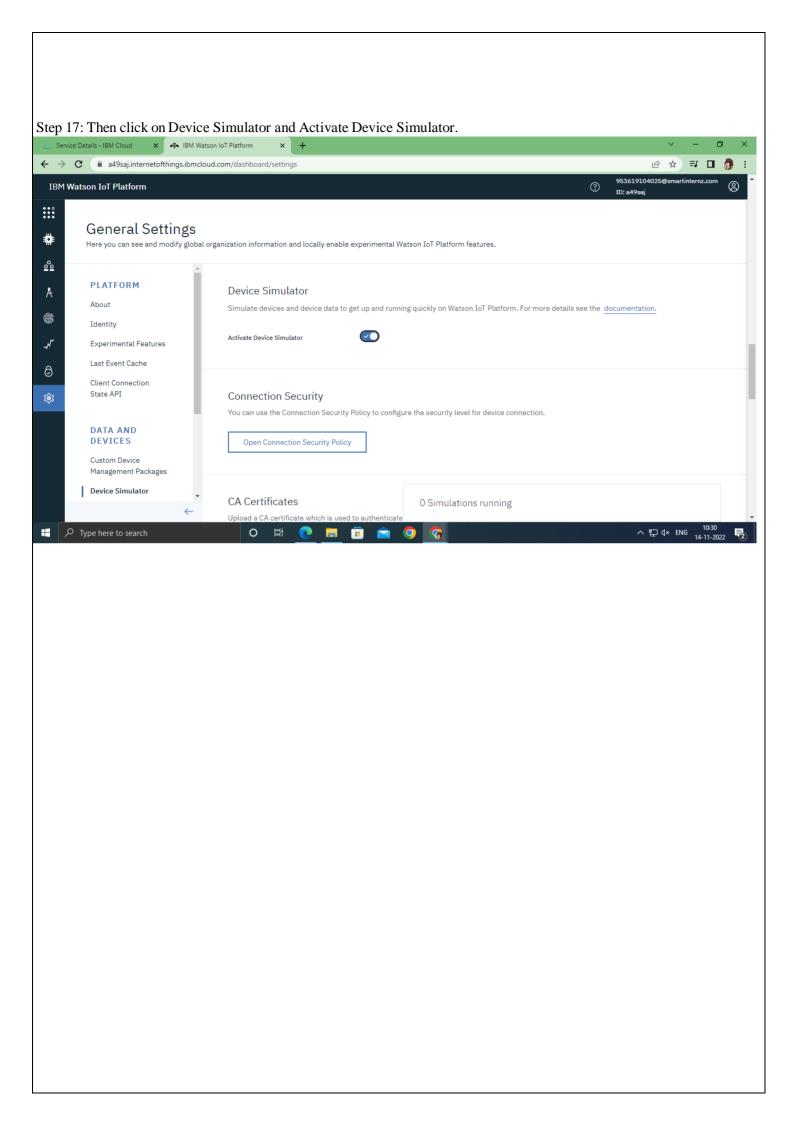




Step15: Go to settings and this page will be displayed







Step 18: Click on "0 simulations running" on the bottom - right side. etails - IBM Cloud × IBM Watson IoT Platform ← → C a49saj.internetofthings.ibmcloud.com/dashboard/settings ≡ı 953619104025@smartinte IBM Watson IoT Platform ID: a49saj *** General Settings # Here you can see and modify global organization information and locally enable experimental Watson IoT Platform features. <u>°°</u> PLATFORM Connection Security Å About You can use the Connection Security Policy to configure the security level for device connection 磁 Identity Open Connection Security Policy Experimental Features Last Event Cache 8 Client Connection State API **CA Certificates** Upload a CA certificate which is used to authenticate the signature of client-side certificates. You can enforce TLS client authentication by configuring the Risk Management Connection Security policy DATA AND **DEVICES** + Add Certificate Custom Device

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Step 19: This will be displayed if the device name is given

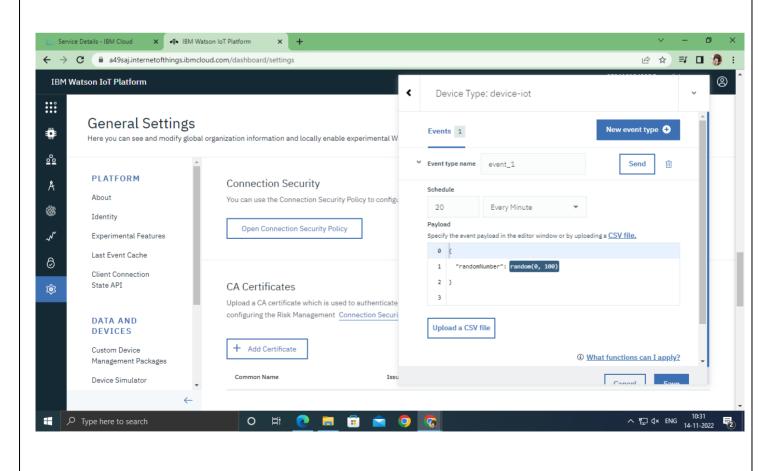
Common Name

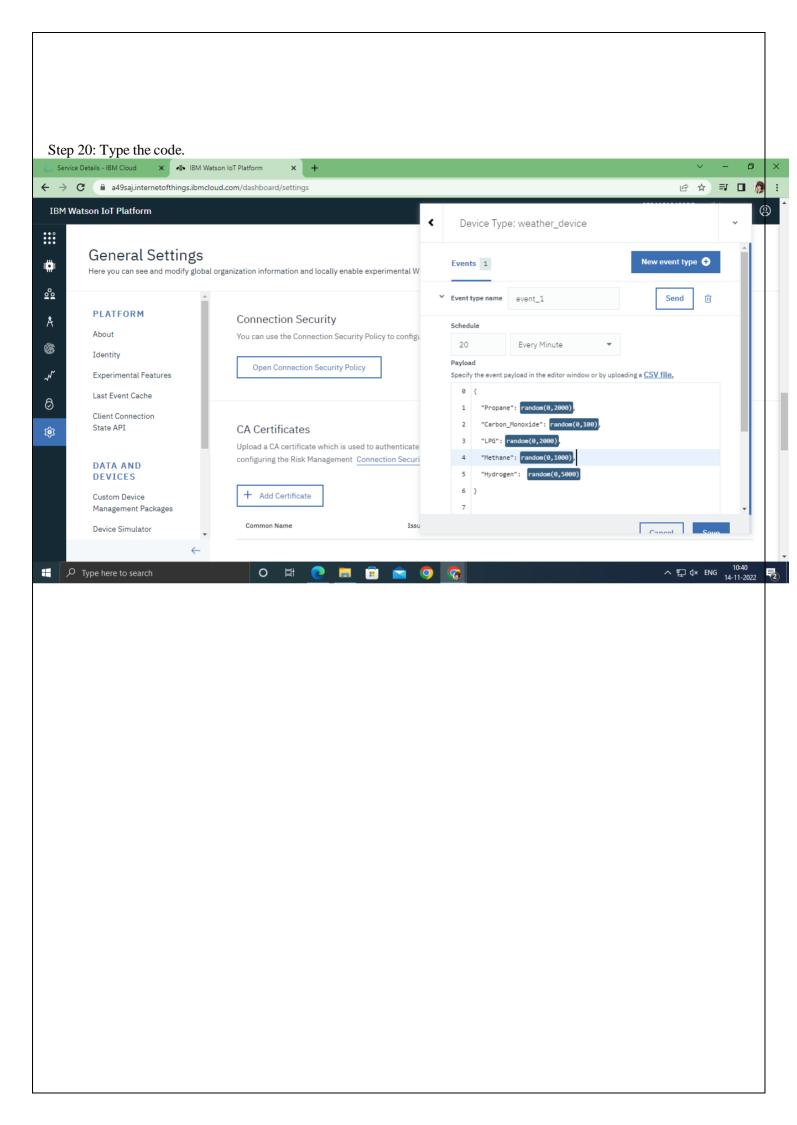
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Management Packages

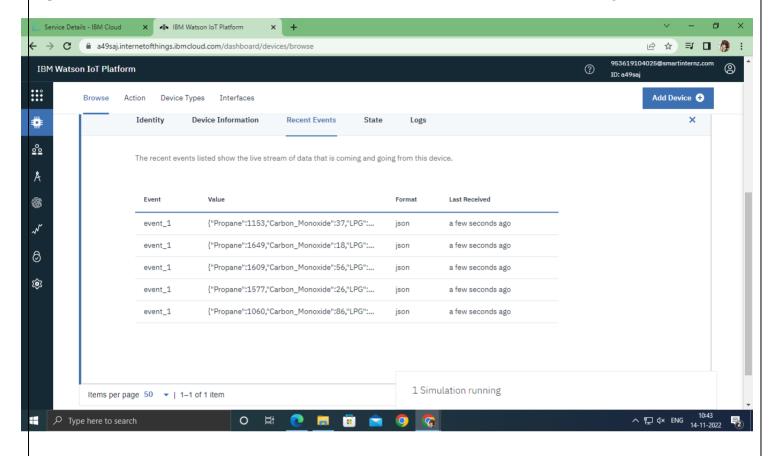
Device Simulator

Type here to search





Step 21: Go to devices then click on devices and check the recent events whether the code is running or not.



Result:

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

