SPRINT DELIVERY-2

Date	17th November 2022
Team ID	PNT2022TMID28587
Project name	Smart Waste Management System for Metropolitan Cities

Connecting IoT Simulator to IBM Watson IoT Platform:

Give the credentials of your device in IBM Watson IoT Platform. Click on connect My credentials given to simulator are:
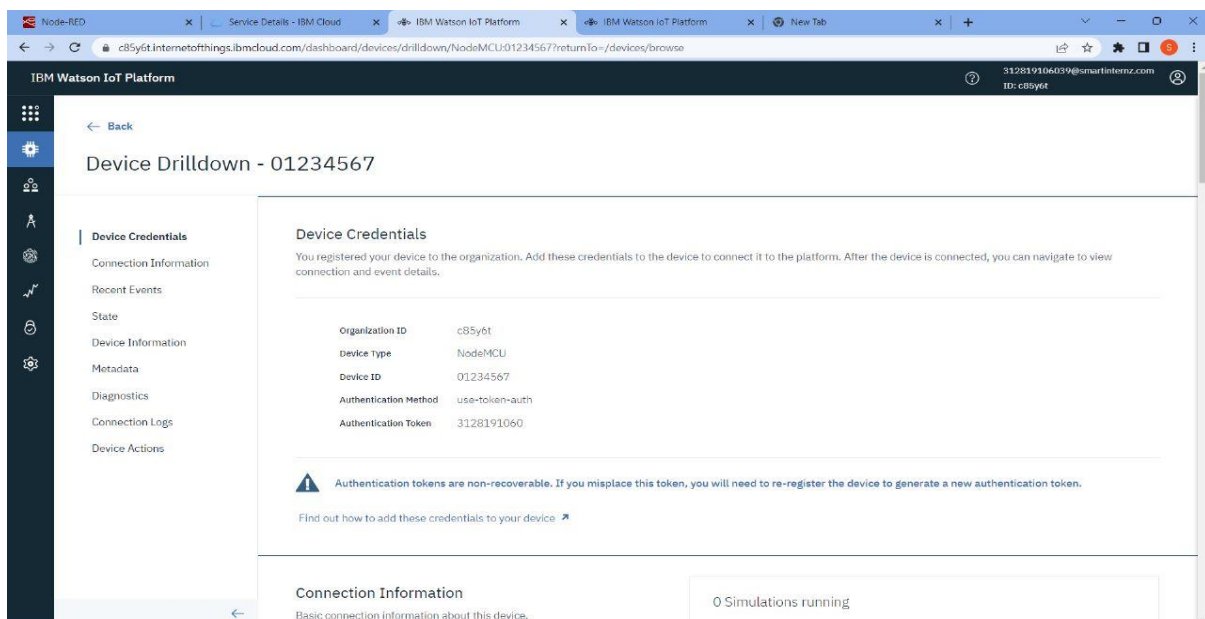
Organization ID: c85y6t
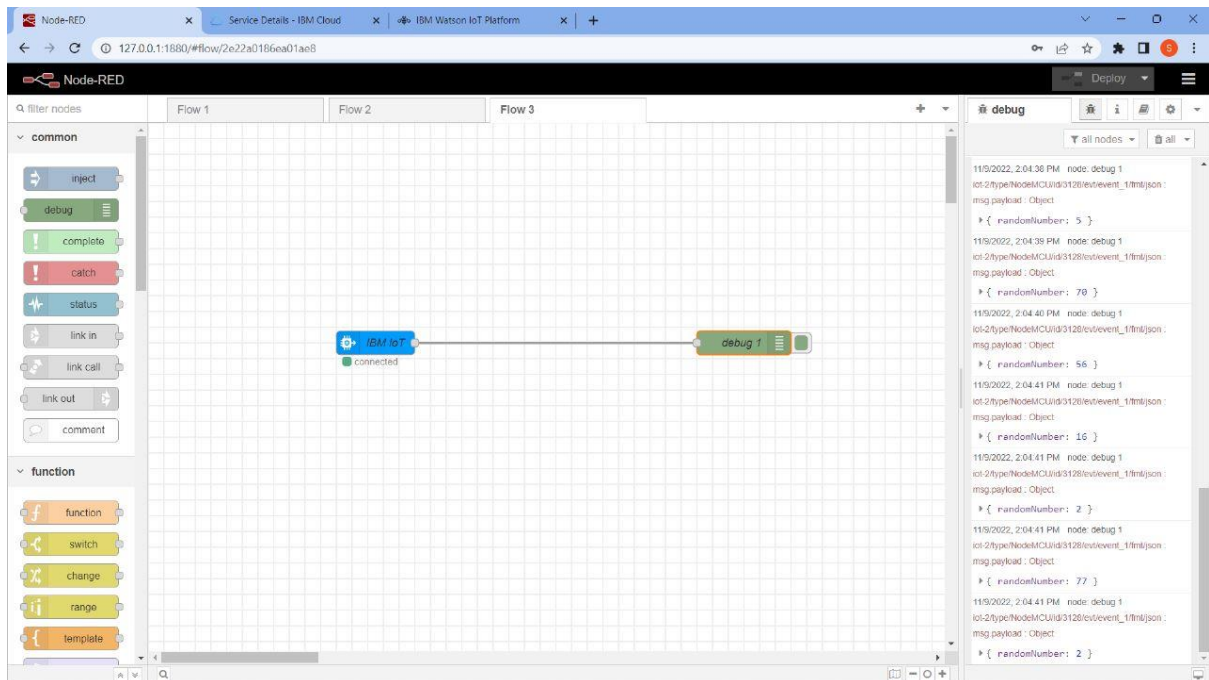Device Type: NodeMCU
Device ID:31281
Authentication Method: use-token-auth
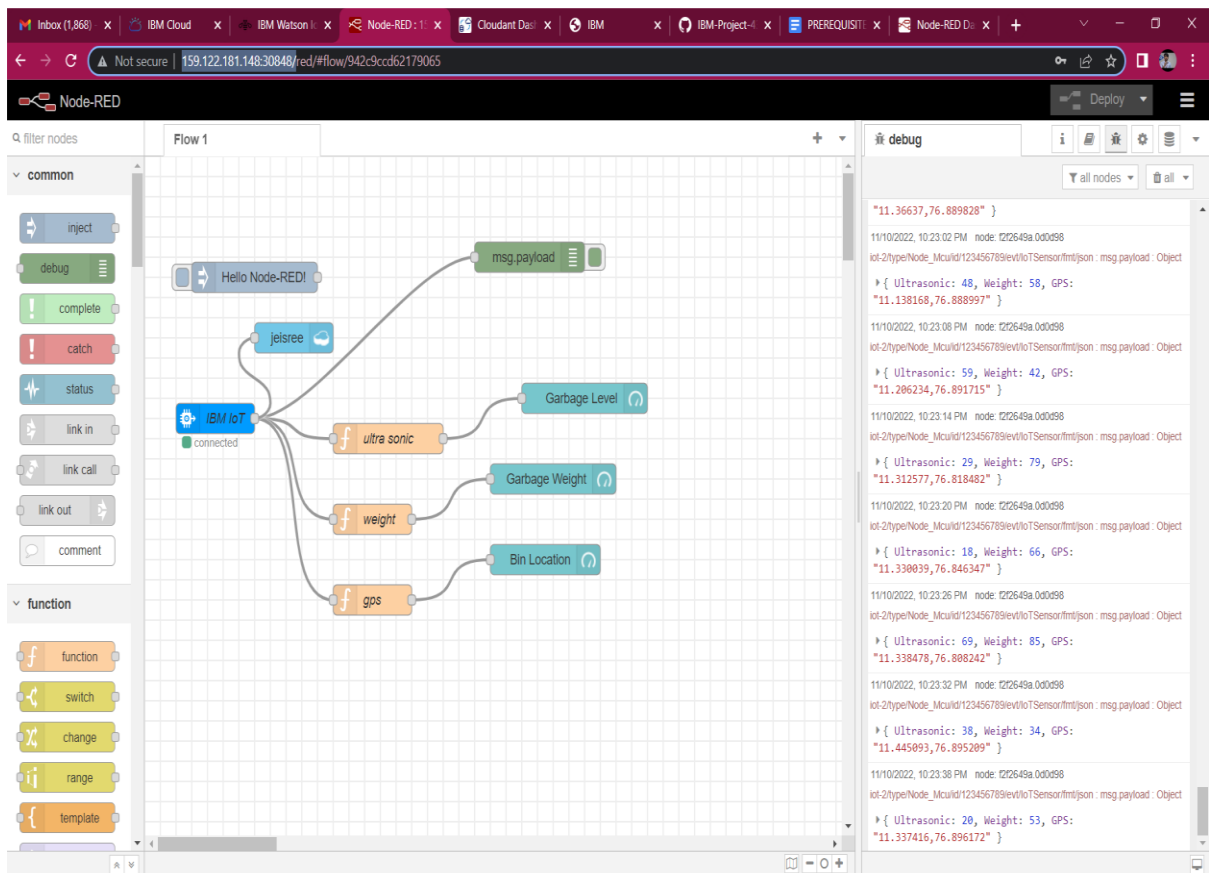Authentication Token:3128191060

For initial testing , a node MCU device is created in IBM Watson IOT platform .Further the simulation is made run and Json data is seen in recent events of the same device.

For the next process, the randomly generated values should be displayed in Node Red. So the Node red is configured.

Configuring Node-RED:

- Once it is connected, Node-Red receives data from the device.
- Display the data using a debug node for verification.
- Connect the function node and write the Java script code to get each reading separately.

The Java script code for the function node is:
msg. payload=msg. payload.Ultrasonic;
global. set('u', msg. payload)
return msg ;
Finally connect Gauge nodes from the dashboard to see the data in UI.