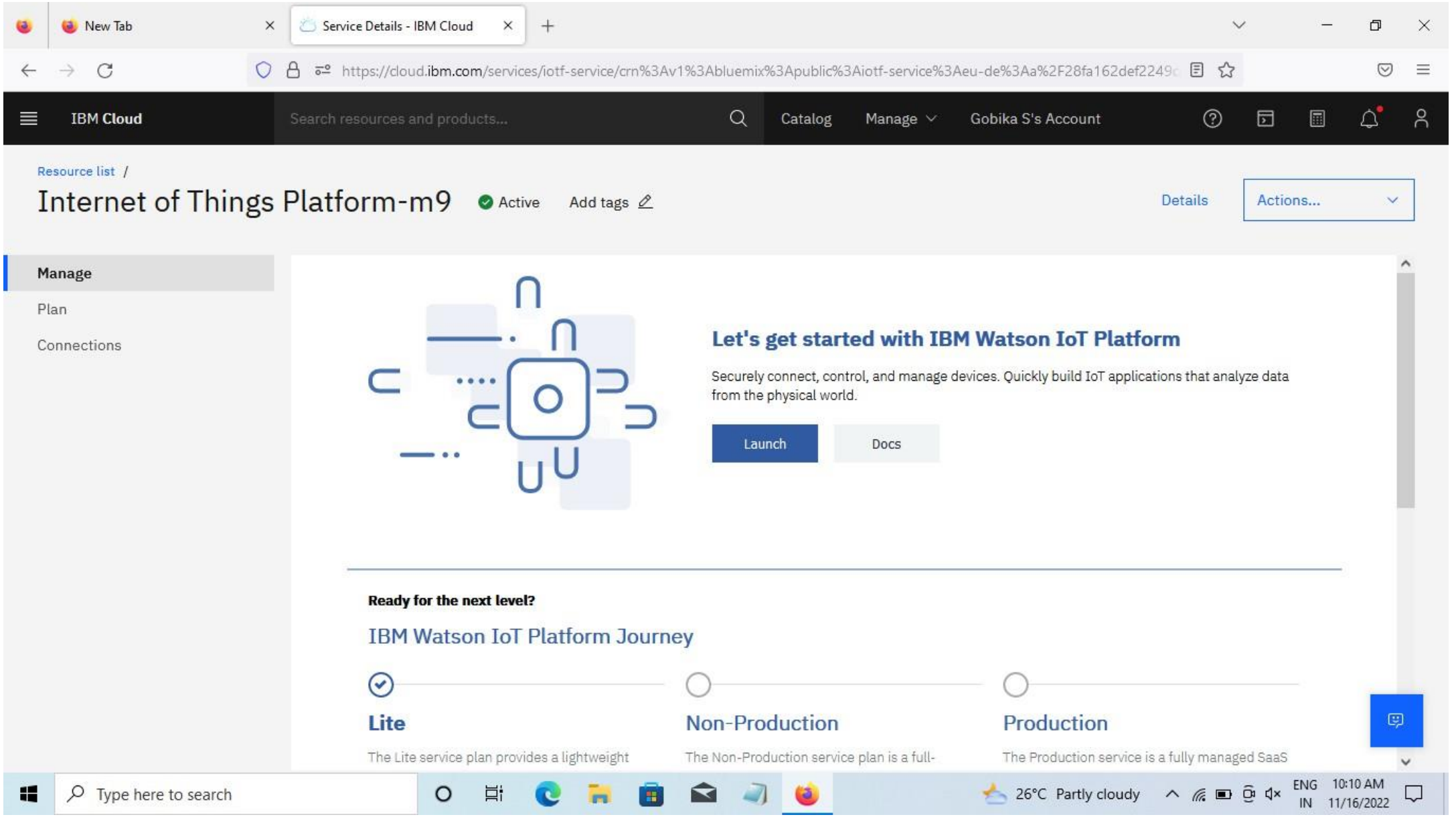
PROJECT DEVELOPMENT – DELIVERY OF SPRINT – 1

Date	**25 October 2022**
Team ID	**PNT2022TMID46406**
Project Title	**Signs With Smart Connectivity for Better Road Safety**

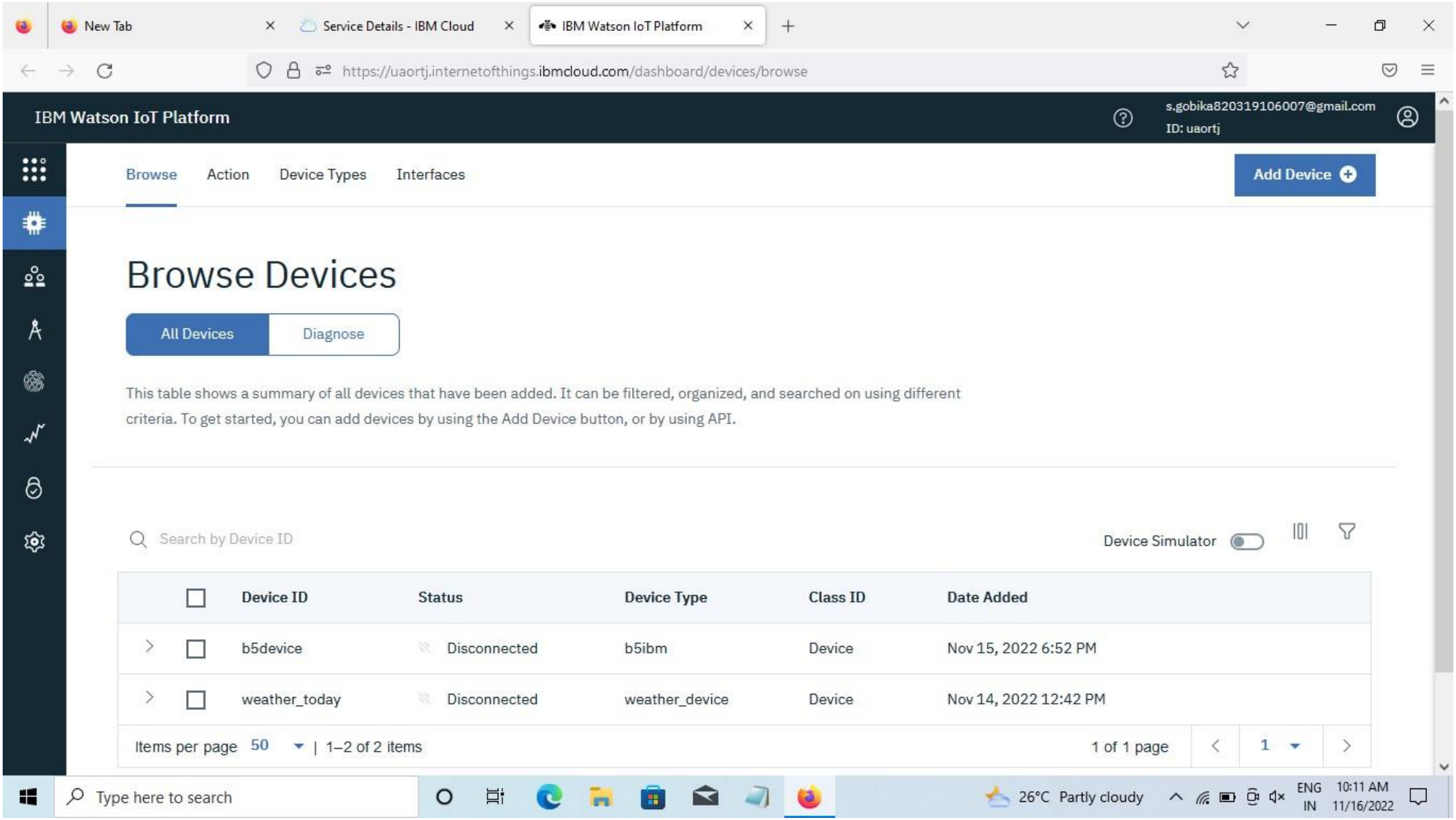
SPRINT-1 (USN - 2)

CREATE IBM WATSON IOT PLATFORM AND NODE-RED SERVICES IN IBM CLOUD

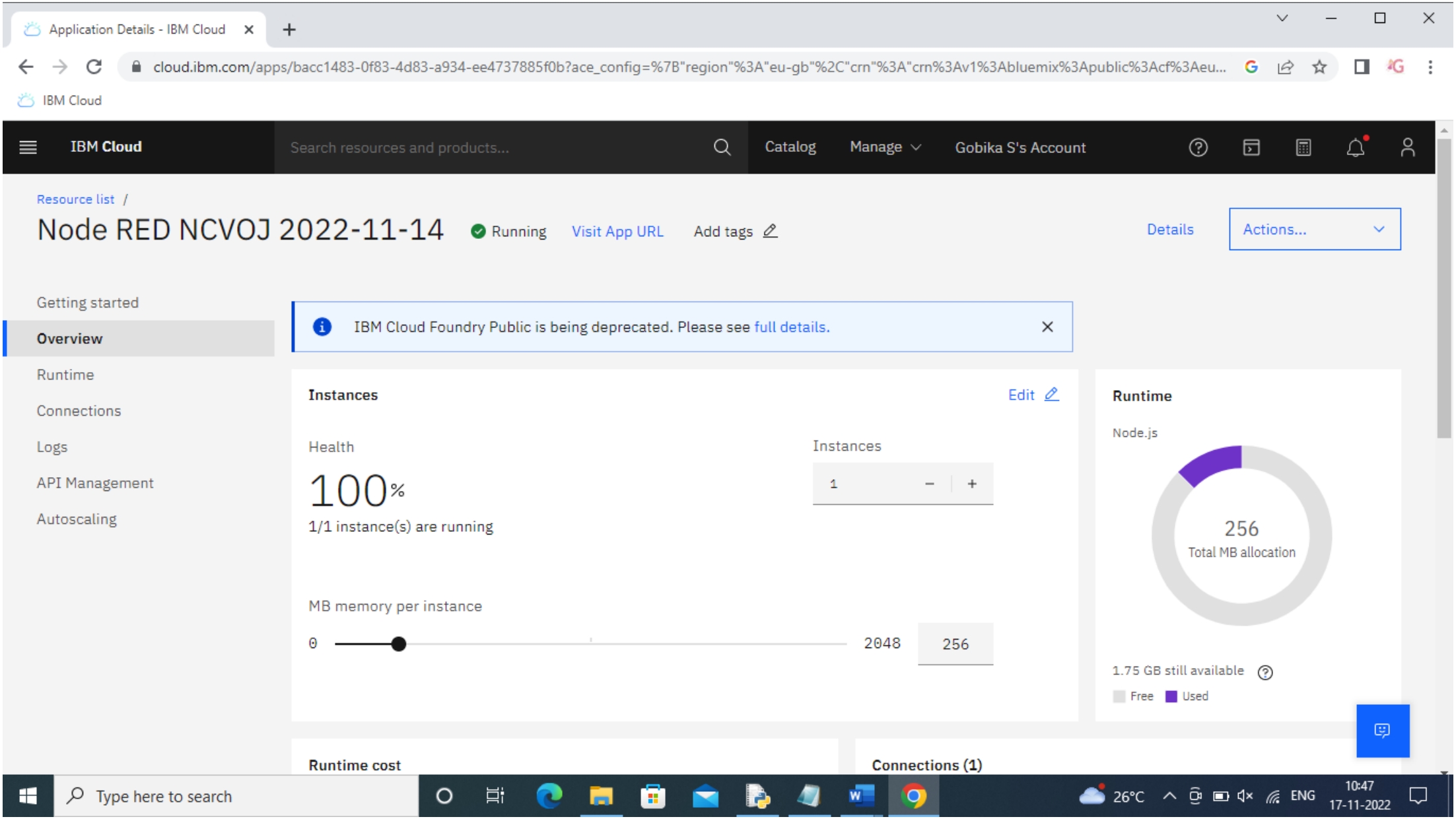
STEP 1 : Login to the IBM Cloud Services & Launch the IBM Watson IOT Platform to connect the devices.



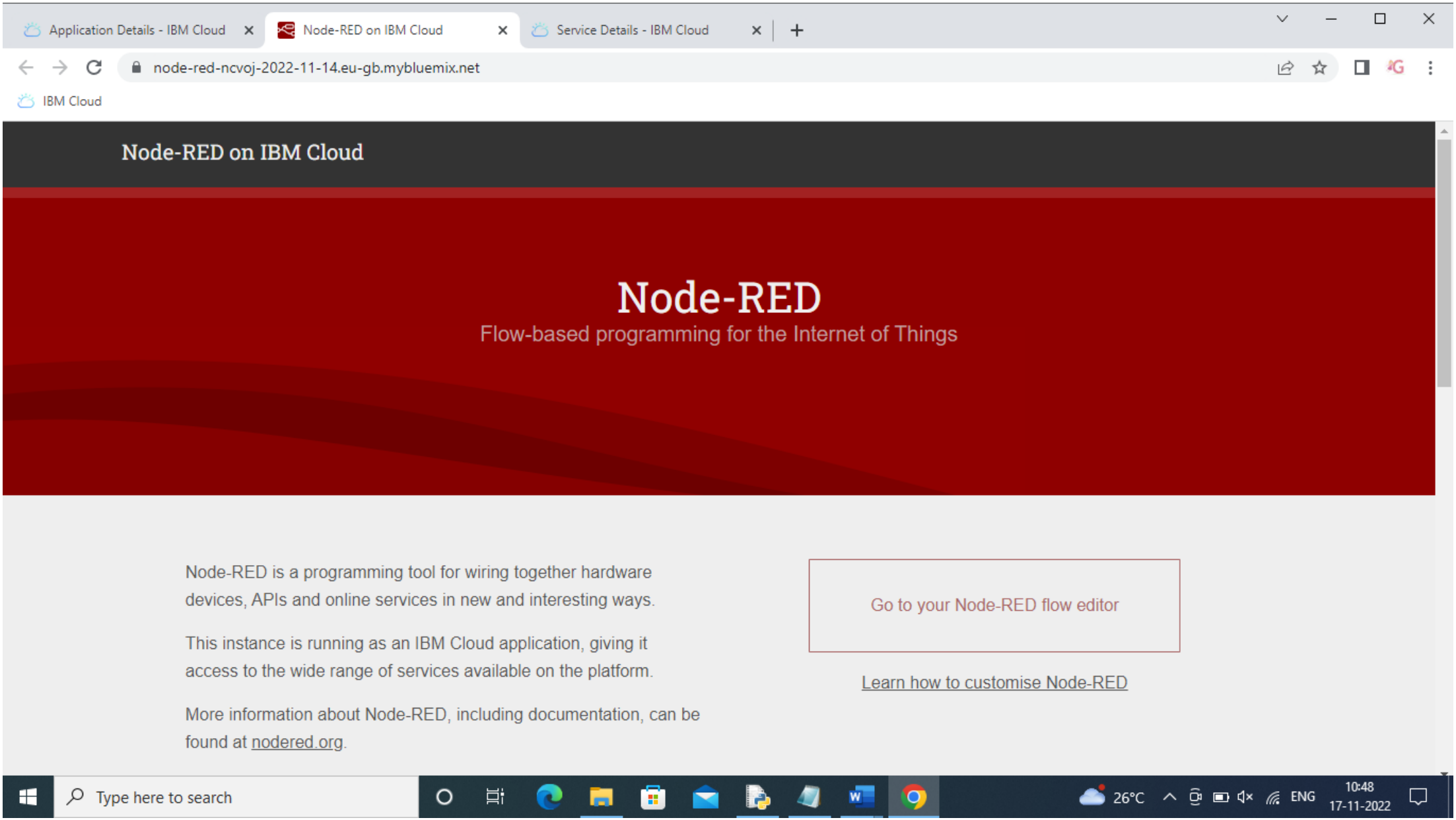
STEP 2 : In order to connect the IOT device to the IBM Cloud , give the device credentials and the live stream of weather data coming from the device will be received in the IBM Watson IOT platform.



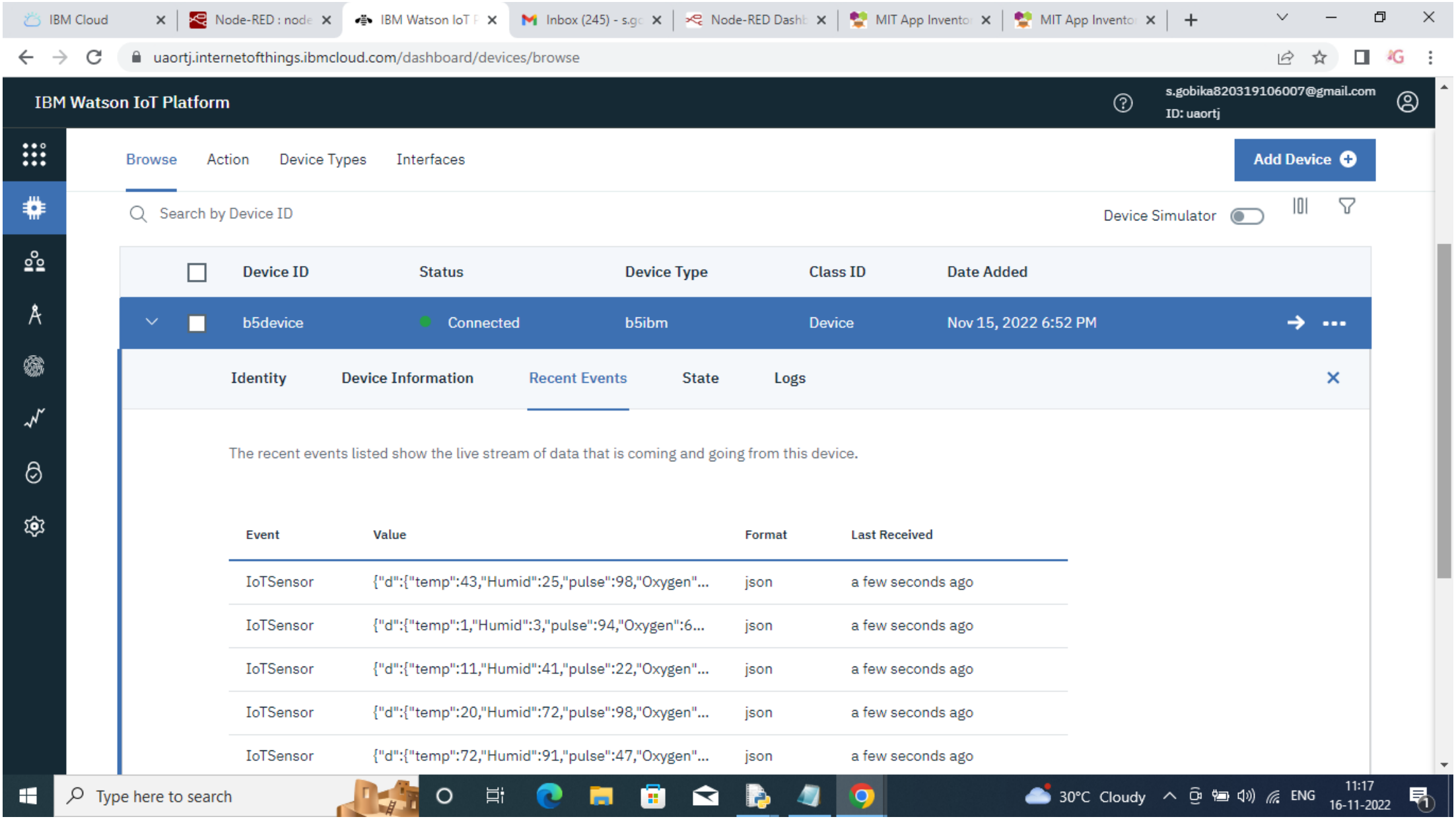
STEP 3: Creating Node - RED Services using IBM Cloud.



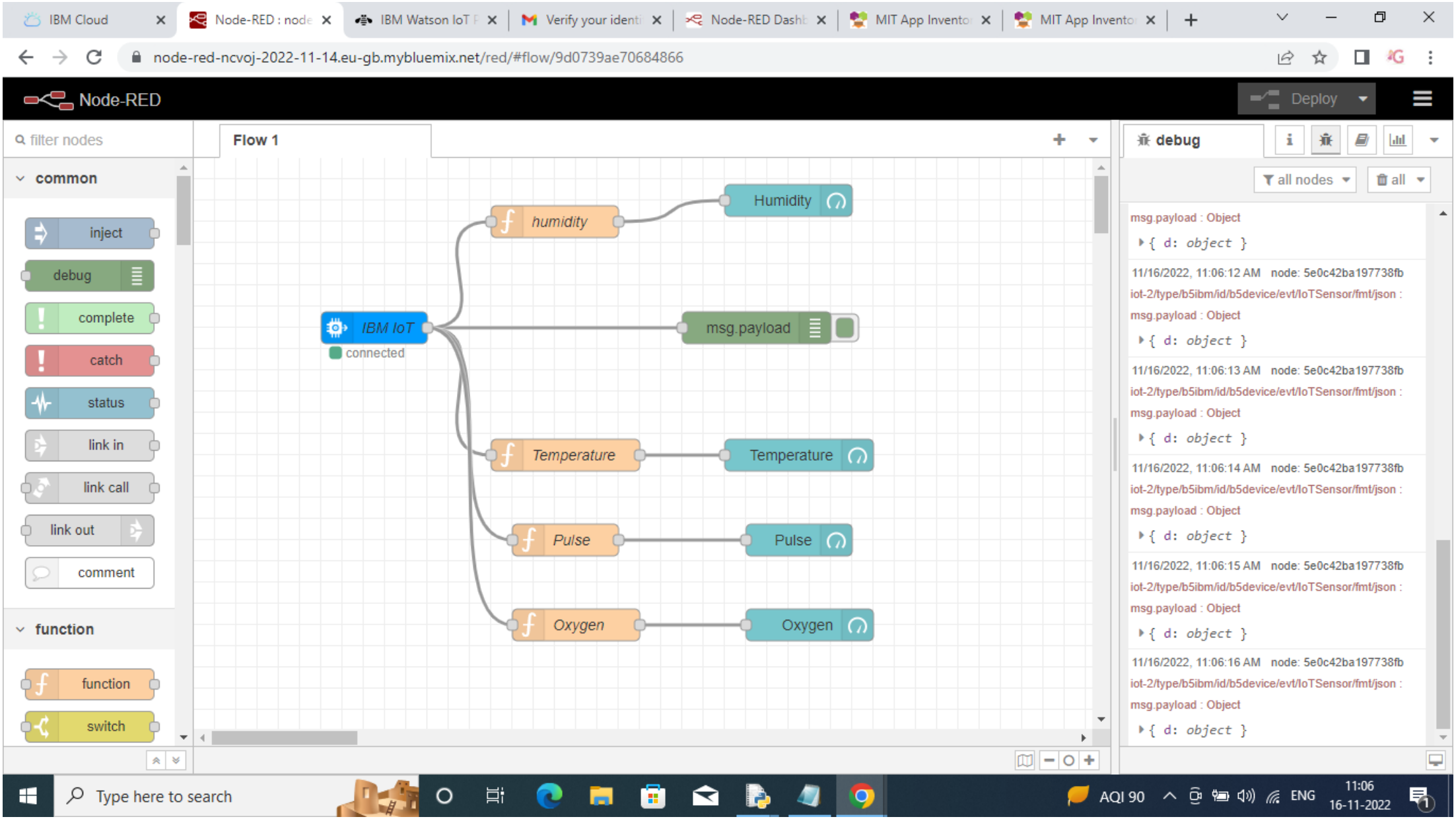
STEP 4: Go to the Node – RED Flow Editor



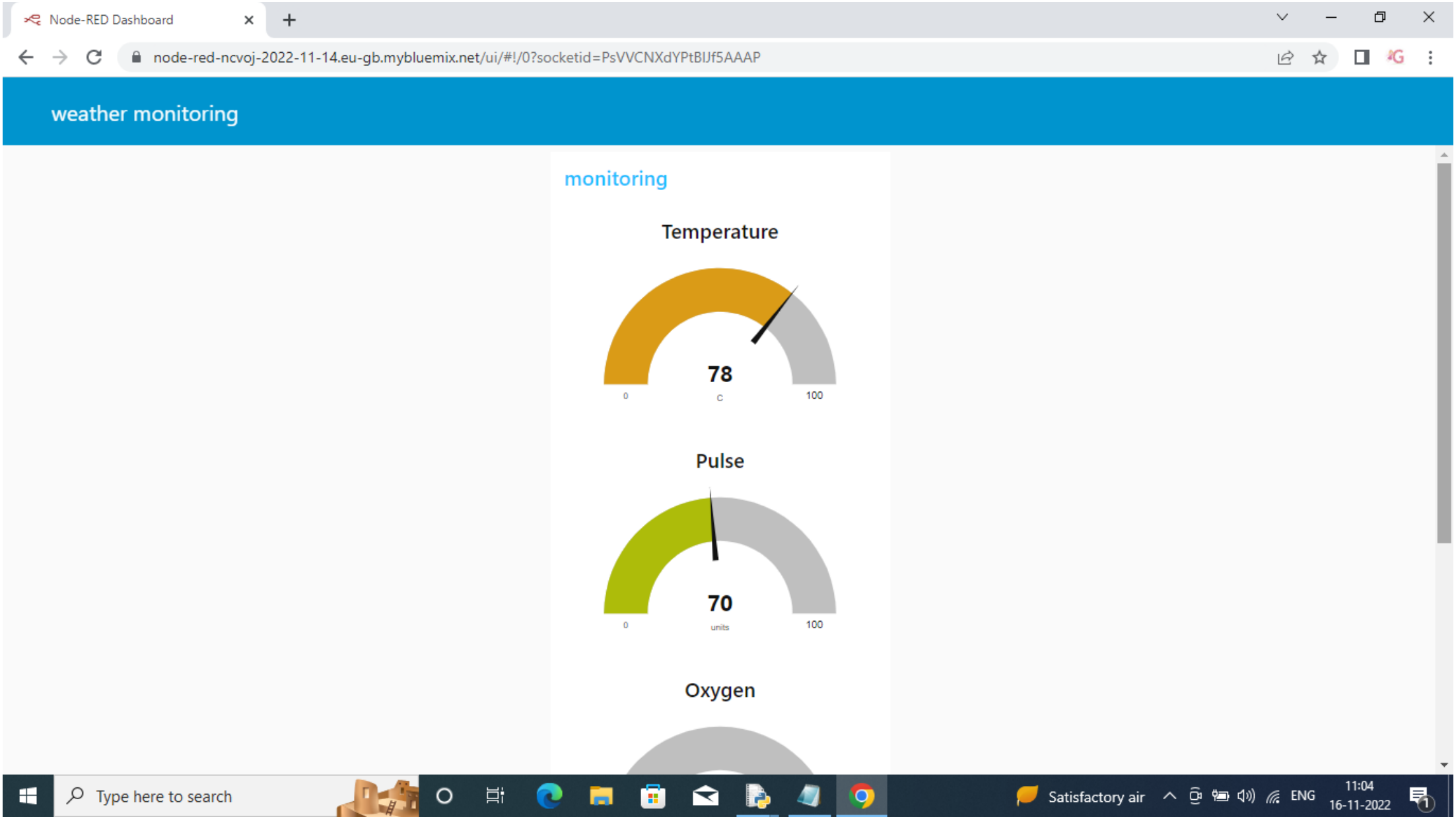
STEP 5: In JSON Format, sample data of current weather using IBM IoT Watson Platform is displayed.



STEP 6: Connecting the functions related to the weather to the IBM IoT device using Node – RED Flow Editor.



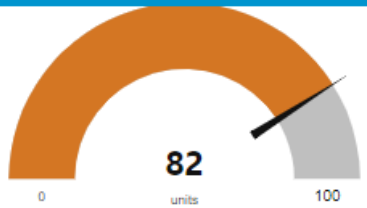
STEP 7: We can see the output for the above flow using Node – RED Dashboard.



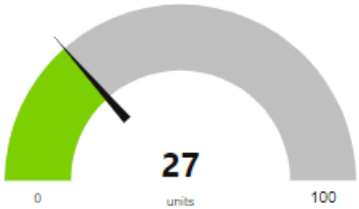
Node-RED Dashboard

node-red-ncvoj-2022-11-14.eu-gb.mybluemix.net/ui/#!/0?socketid=PsVVCNXdYPtBIJf5AAAP

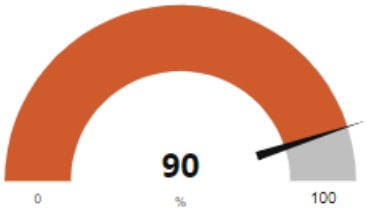
weather monitoring



Oxygen



Humidity



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Satisfactory air

ENG

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16-11-2022