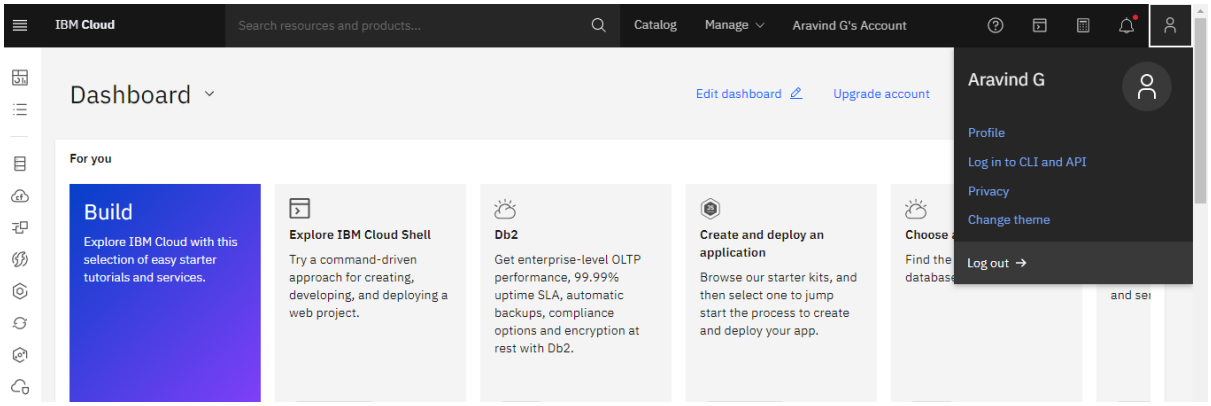
SPRINT-2

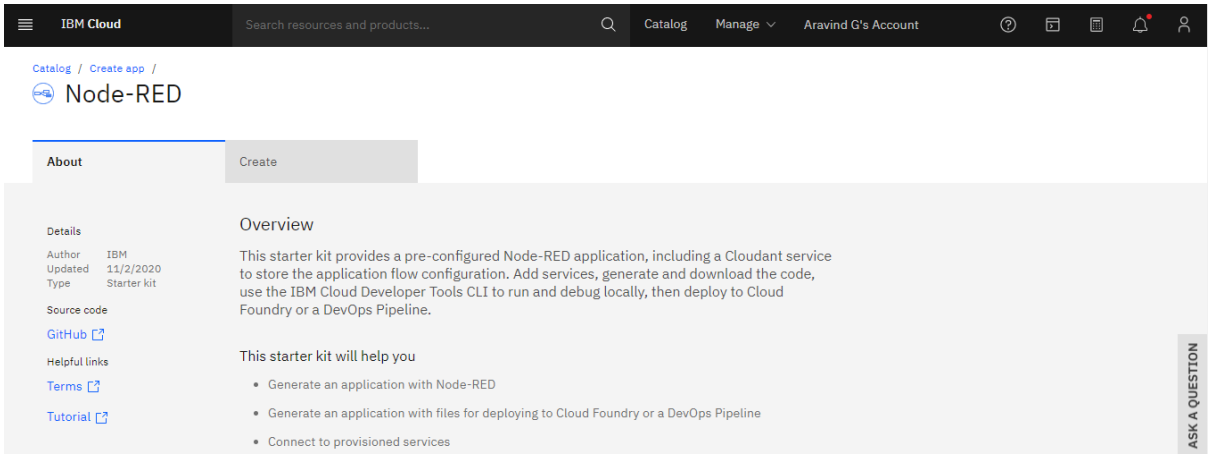
Date	05 November 2022
Team ID	PNT2022TMID00940
Project Name	SMART SOLUTIONS FOR RAILWAYS

CREATING NODE-RED IN IBM CLOUD

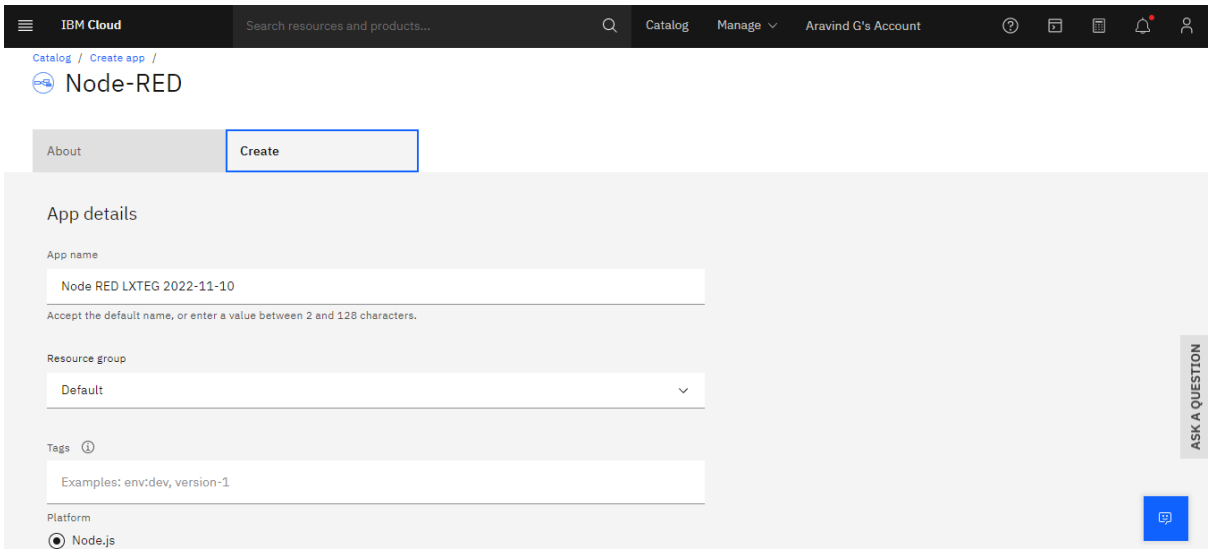
STEP 1: Open ibm cloud:



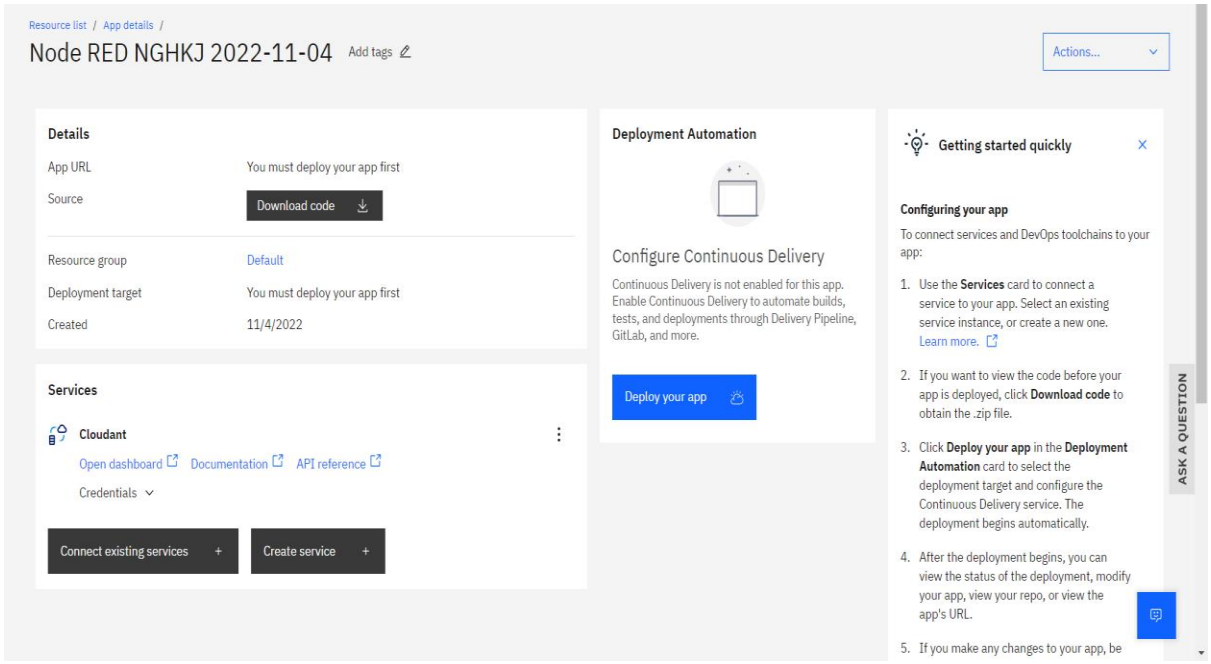
STEP 2: Go to catalog and search for node red app and open it:



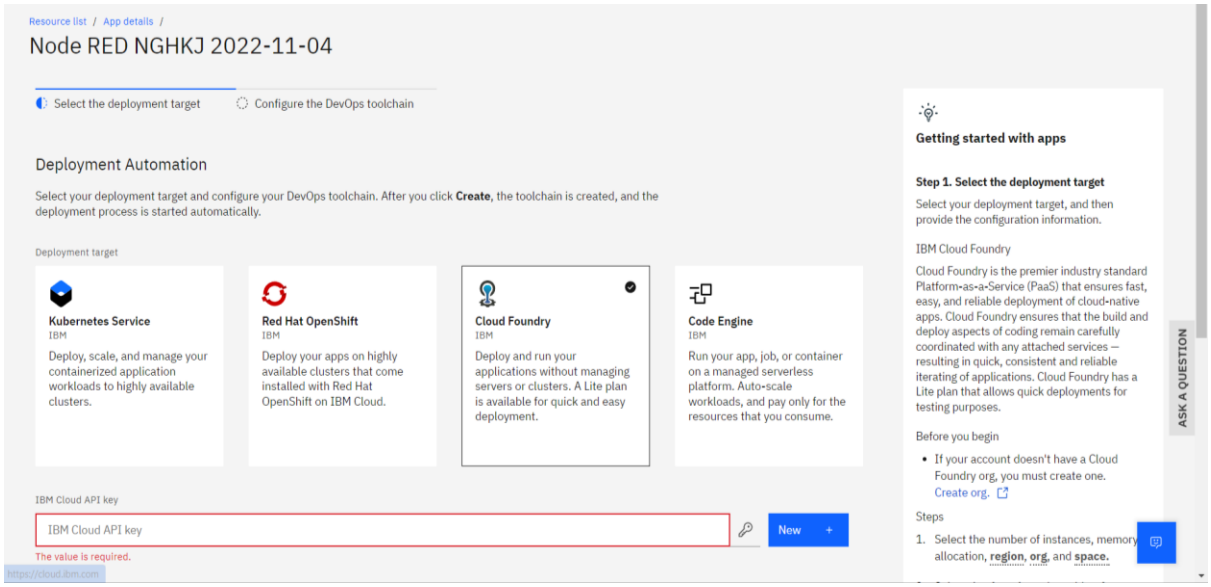
STEP 3: Enter the app name, location and select the plan and click on create.:



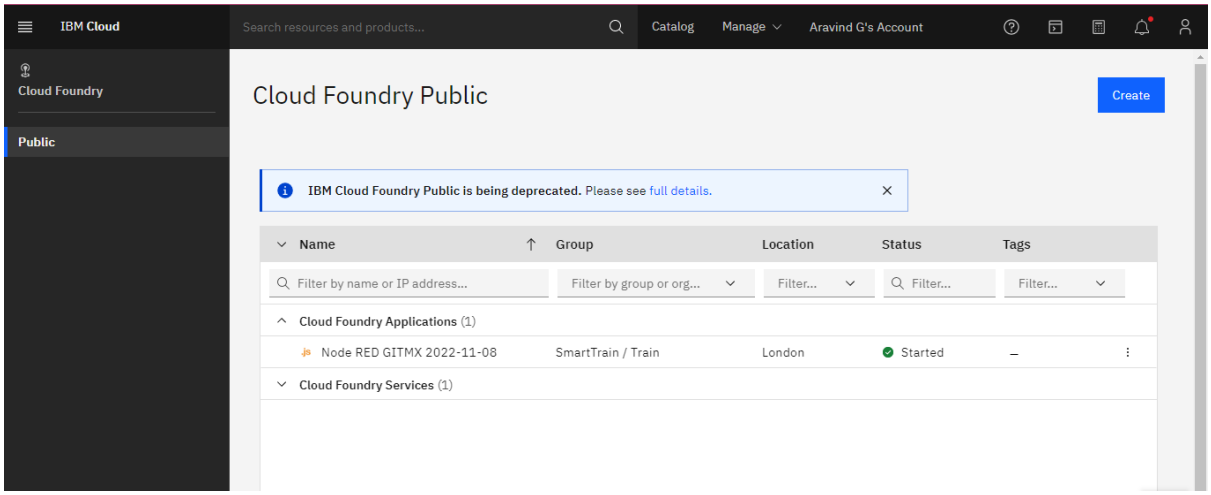
STEP 4: click on deploy your app button:

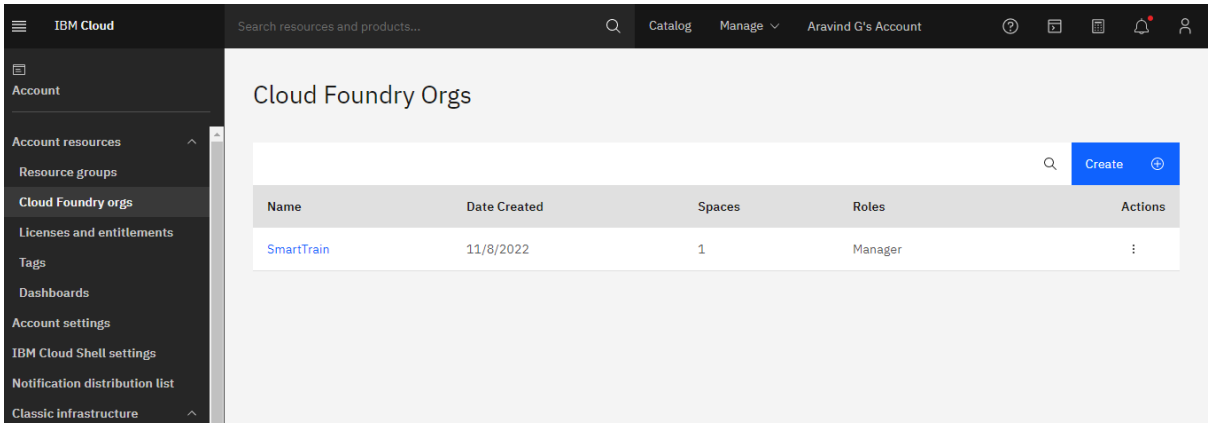


STEP 5: In deployment automation select cloud foundry and click on create.org:

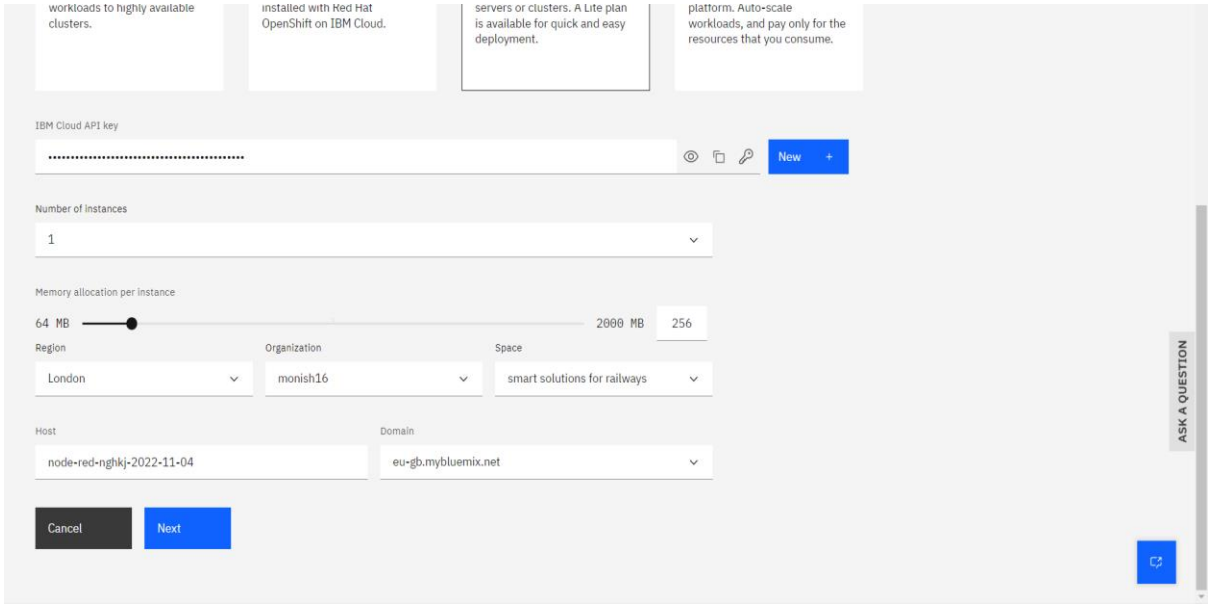


STEP 6: click on create button and enter the name and create a space:

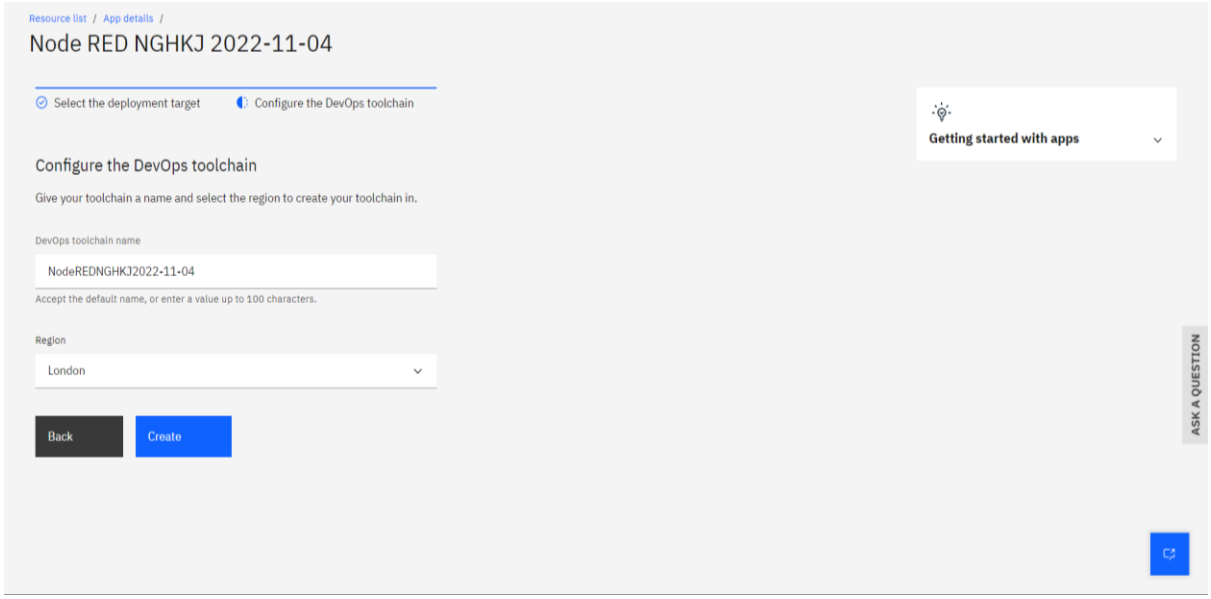




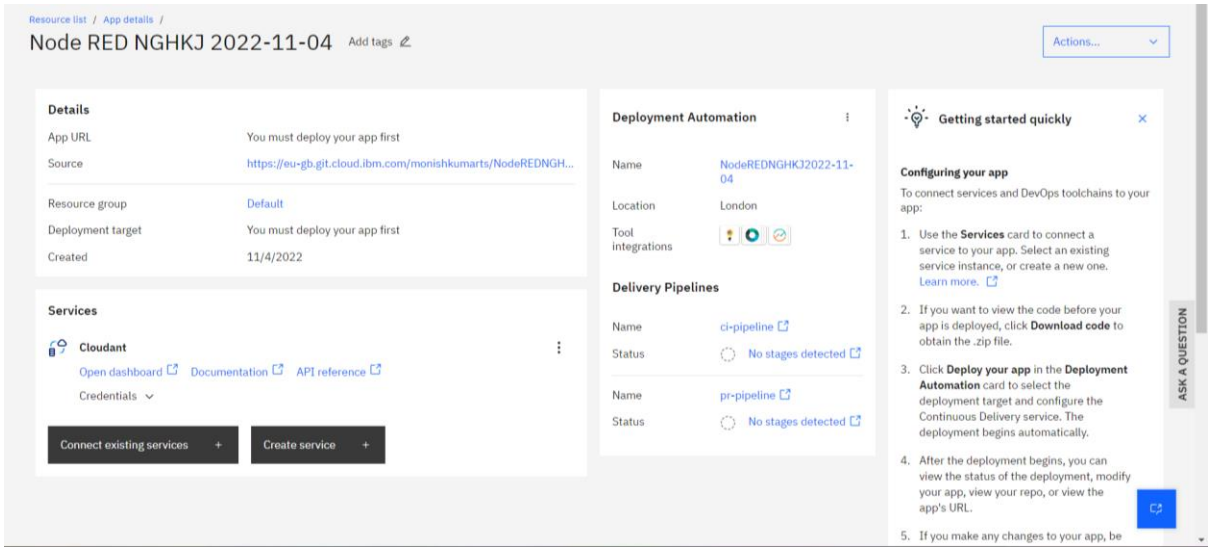
STEP 7: In app development click new on api key and select region and click next:



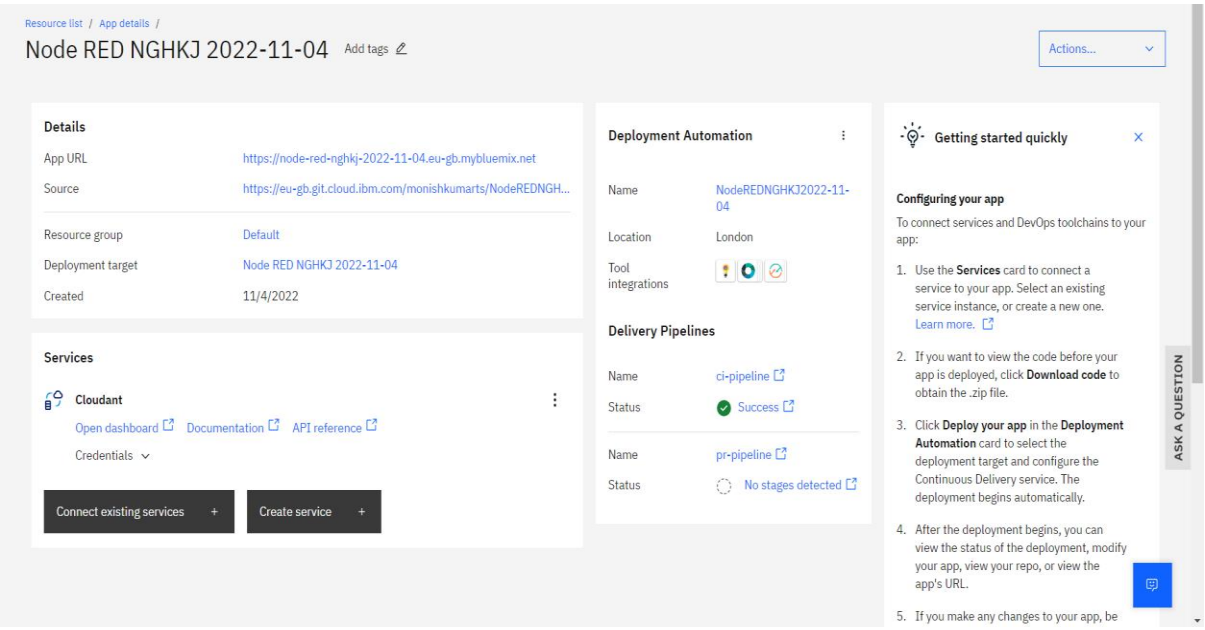
STEP 8: select the region and click create:



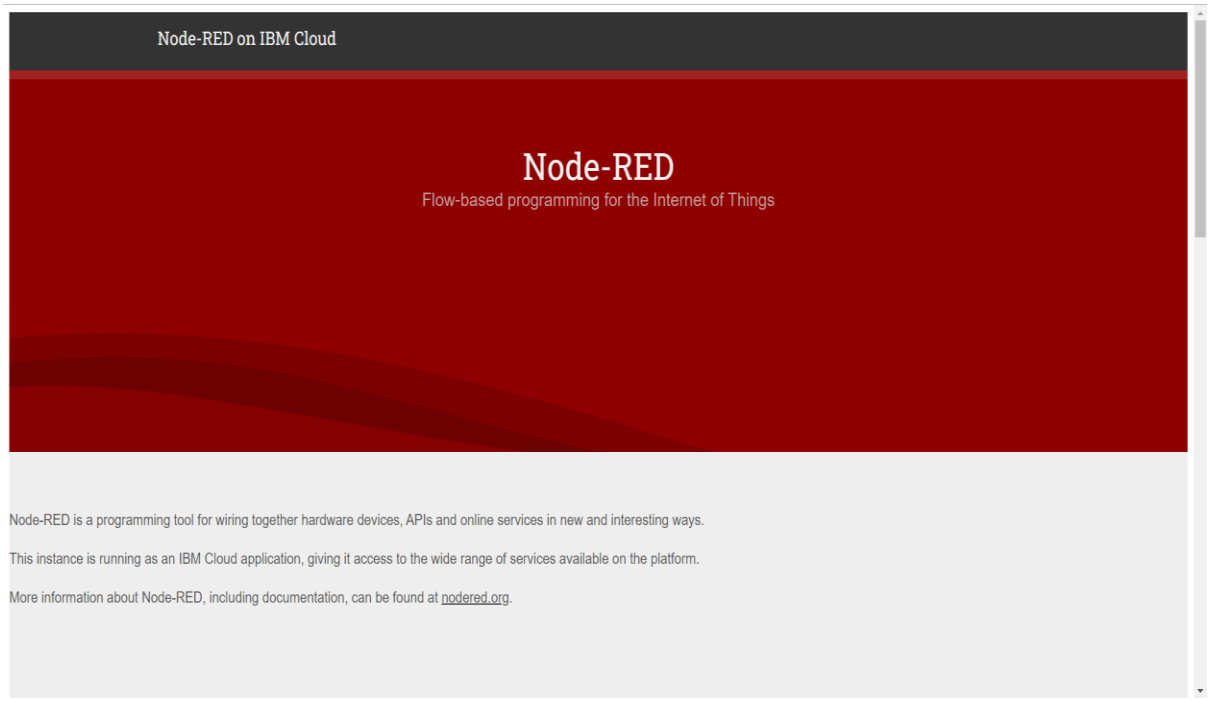
STEP 9: Wait till you get the success in ci-pipeline and app URL is generated:



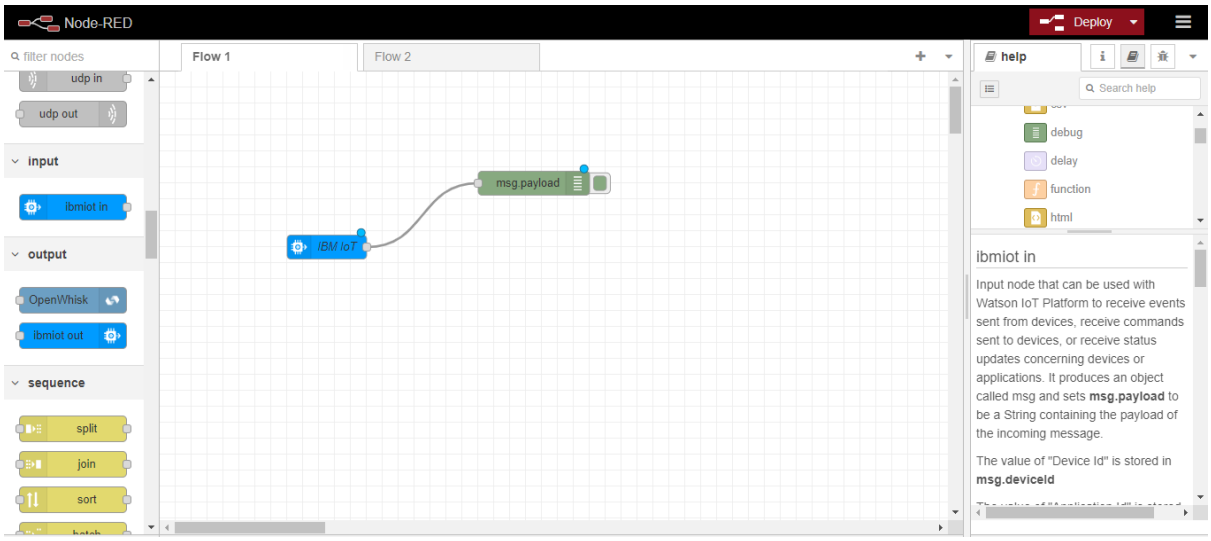
STEP 10: Now click on the generated APP URL:



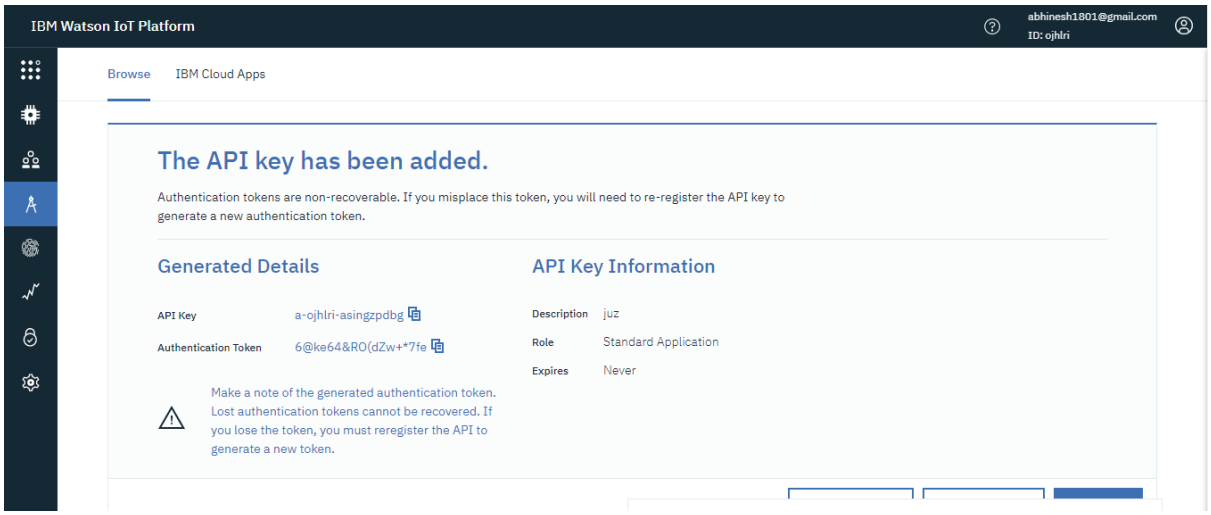
STEP 11 : You will redirected to your node-red on ibm cloud page:



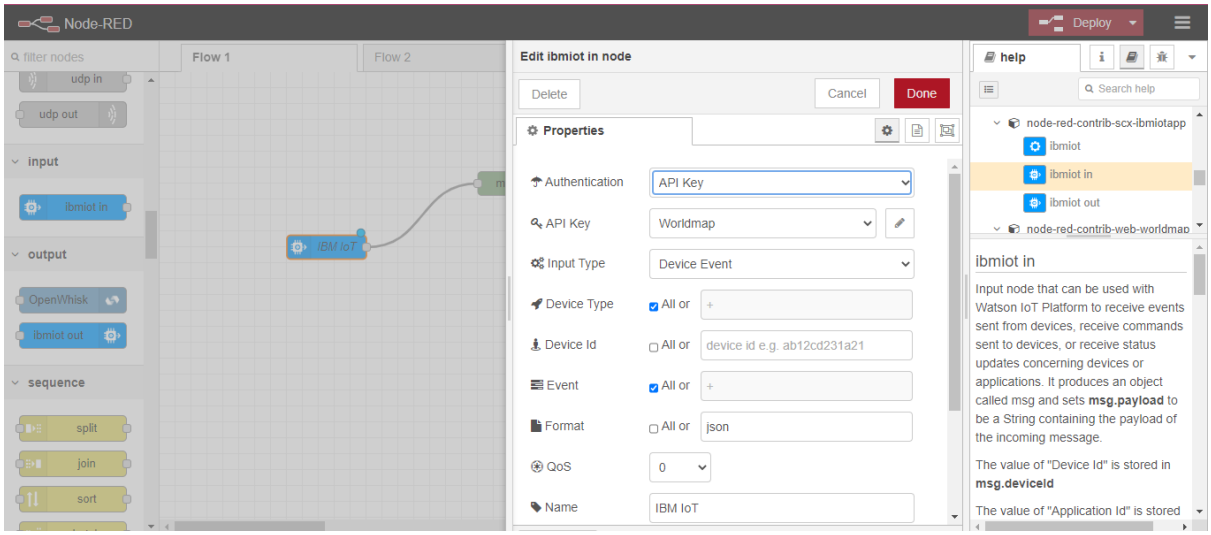
STEP 12: Click on node-red flow editor and you will be redirected to your node-red workspace:



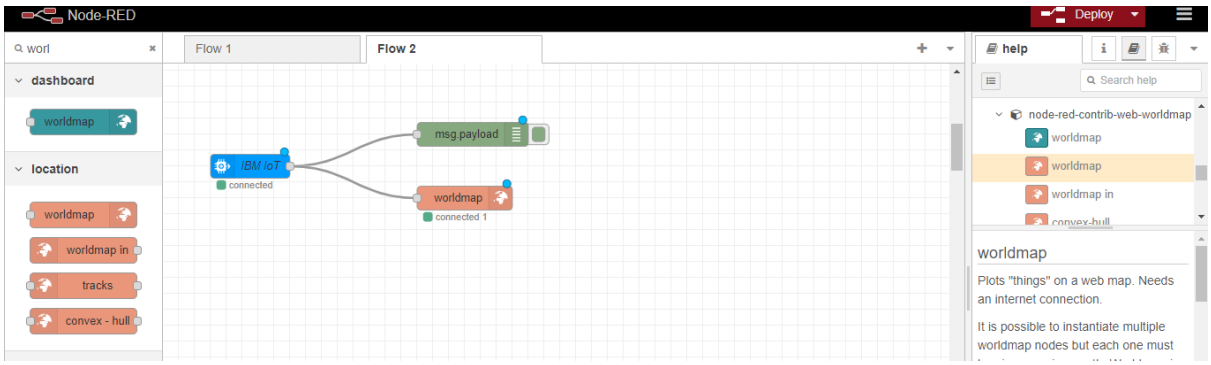
STEP 13: Generating API key and Authentication token:



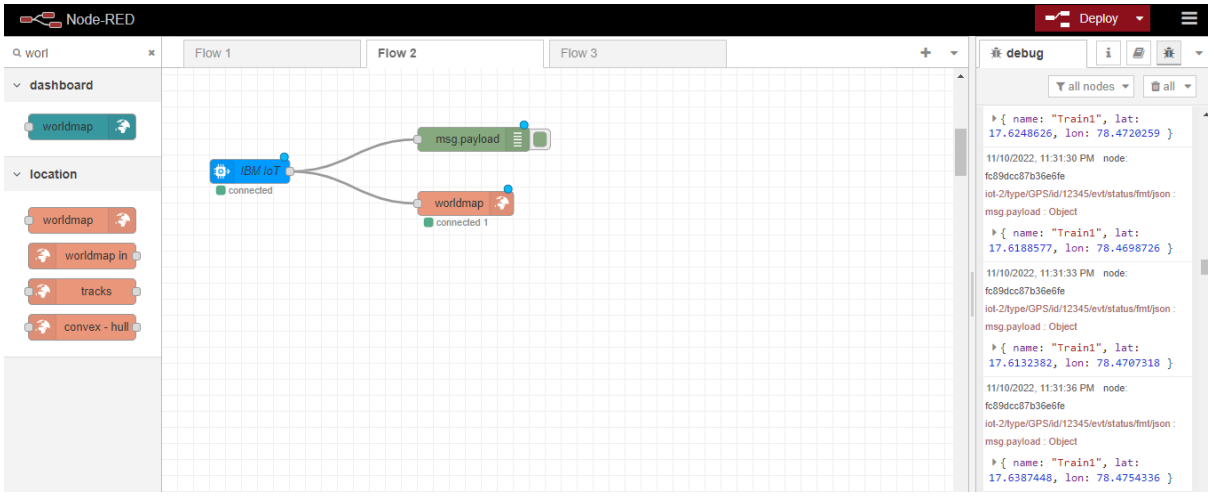
STEP 14: Edit Ibmiot in node:

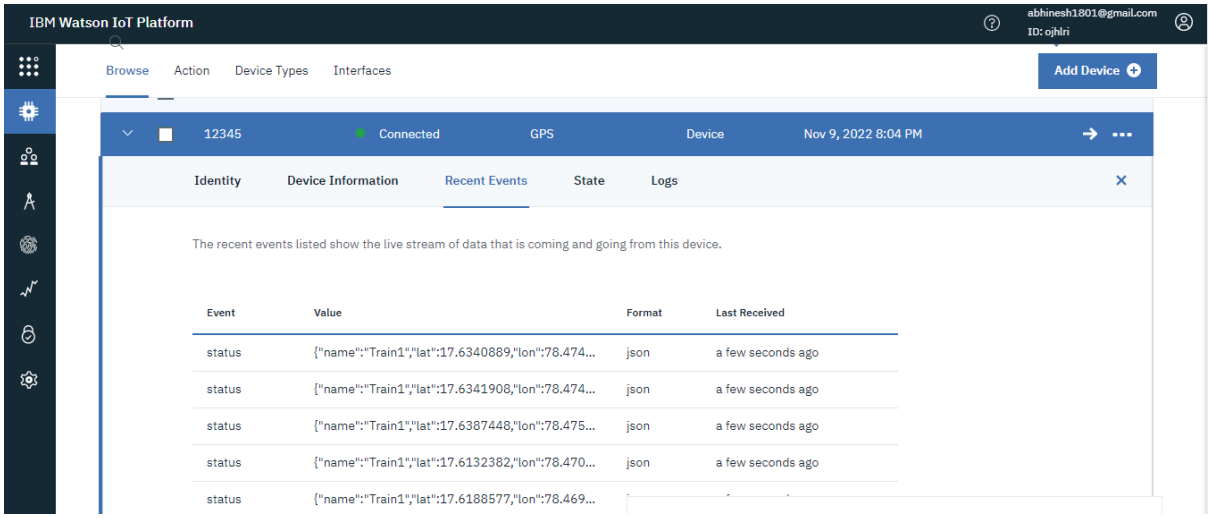


STEP 15: Connect Ibmiot in and debug 1 and deploy:



STEP 16: Generate debug message from IBM Watson IoT Platform and connect the nodes:




IBM Watson IoT Platform
abhinesh1801@gmail.com
ID: ojhlri
Browse
Action
Device Types
Interfaces
Add Device
12345
Connected
GPS
Device
Nov 9, 2022 8:04 PM
Identity
Device Information
Recent Events
State
Logs
The recent events listed show the live stream of data that is coming and going from this device.
Event
Value
Format
Last Received
status
{"name":"Train1","lat":17.6340889,"lon":78.474...
json
a few seconds ago
status
{"name":"Train1","lat":17.6341908,"lon":78.474...
json
a few seconds ago
status
{"name":"Train1","lat":17.6387448,"lon":78.475...
json
a few seconds ago
status
{"name":"Train1","lat":17.6132382,"lon":78.470...
json
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status
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