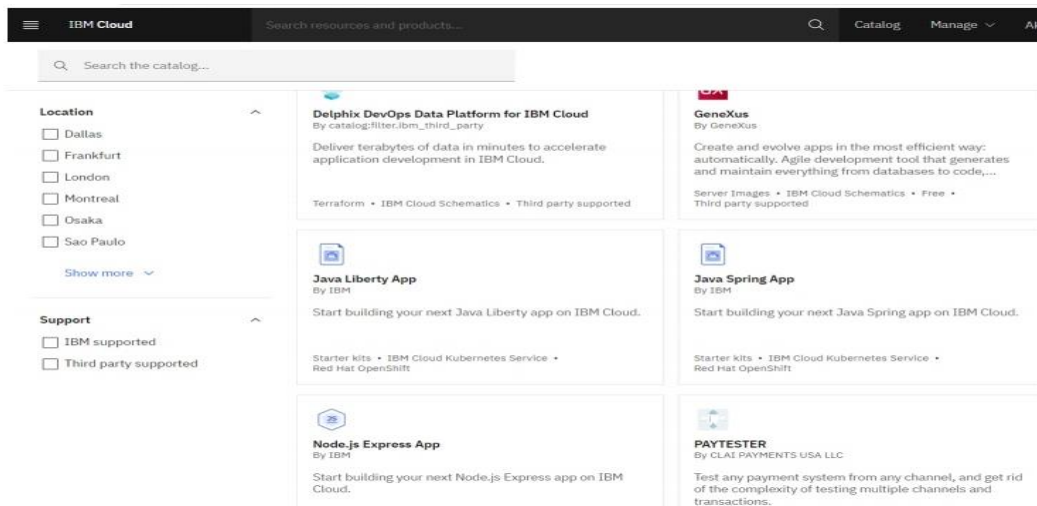


Create Node-red service

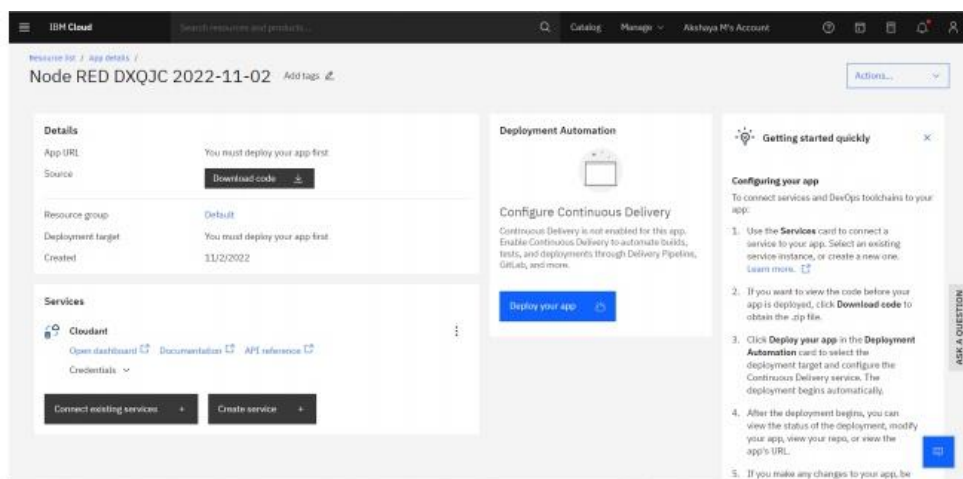
Team ID	PNT2022TMID38943
Project Name	Smart Waste Management for Metropolitan Cities

CREATE A NODE RED SERVICES:

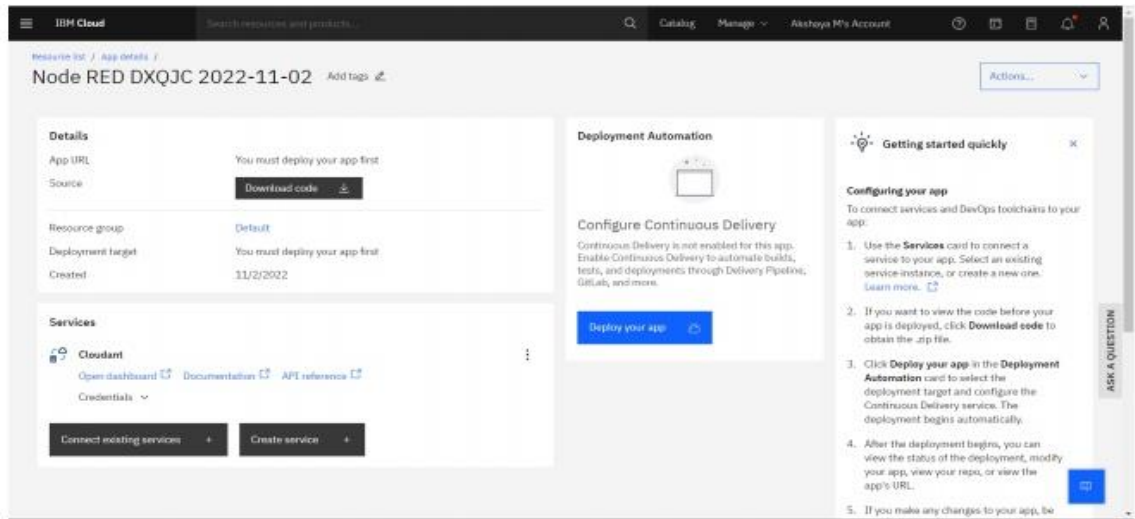
- ❖ Login into IBM cloud account
- ❖ In catalog , search for node red application



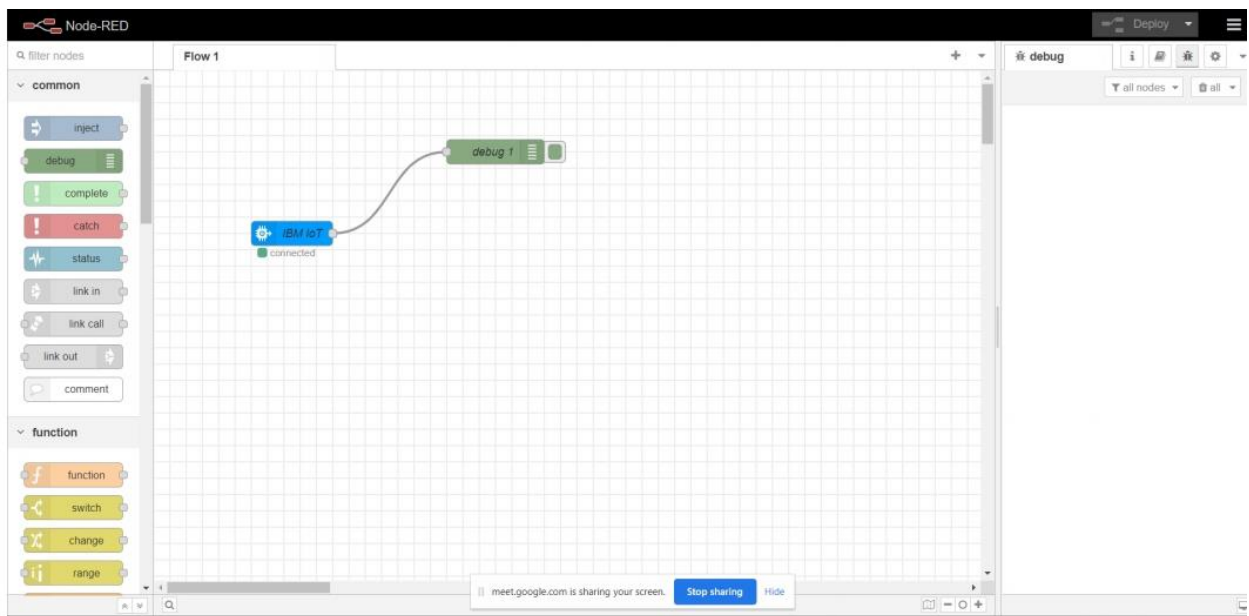
- ❖ Enter the project details and click create.
- ❖ Click on deploy option and deploy.



- ❖ Set up the environment for deploying and click on create.



- ❖ Then drag and drop the nodes and connect nodes with IOT Watson platform.
- ❖ Setup the settings that connects nodes service with Watson IOT.



- ❖ Finally , output can be seen in node red service.

Node-RED interface showing a flow with two nodes: "debug" and "debug 1". The flow is titled "Flow 1". The left sidebar shows the "common" and "function" node categories. The right sidebar shows the "debug" node's output log.

Flow 1:

```
graph LR; debug[debug] --> debug1[debug 1];
```

debug node output log:

```
11/02/22, 3:57:33 PM node: debug 1  
set-3/hyper/test123/test123/status/mrjpsn : msg.payload  
Object  
* { temperature: 185, humidity: 31 }  
11/02/22, 3:57:35 PM node: debug 1  
set-3/hyper/test123/test123/status/mrjpsn : msg.payload  
Object  
* { temperature: 96, humidity: 76 }  
11/02/22, 3:57:37 PM node: debug 1  
set-3/hyper/test123/test123/status/mrjpsn : msg.payload  
Object  
* { temperature: 58, humidity: 58 }  
11/02/22, 3:57:39 PM node: debug 1  
set-3/hyper/test123/test123/status/mrjpsn : msg.payload  
Object  
* { temperature: -4, humidity: 13 }  
11/02/22, 3:57:41 PM node: debug 1  
set-3/hyper/test123/test123/status/mrjpsn : msg.payload  
Object  
* { temperature: 3, humidity: 15 }  
11/02/22, 3:57:43 PM node: debug 1  
set-3/hyper/test123/test123/status/mrjpsn : msg.payload  
Object  
* { temperature: 58, humidity: 37 }
```