

Node Red service

Team Create ID	PNT2022TMID48488
Project Name	Smart waste management system for metropolitan cities

Step 1: Login into IBM CLOUD account

Step2: In catalog, search for node red application

Step 3: Enter the project details and click on create

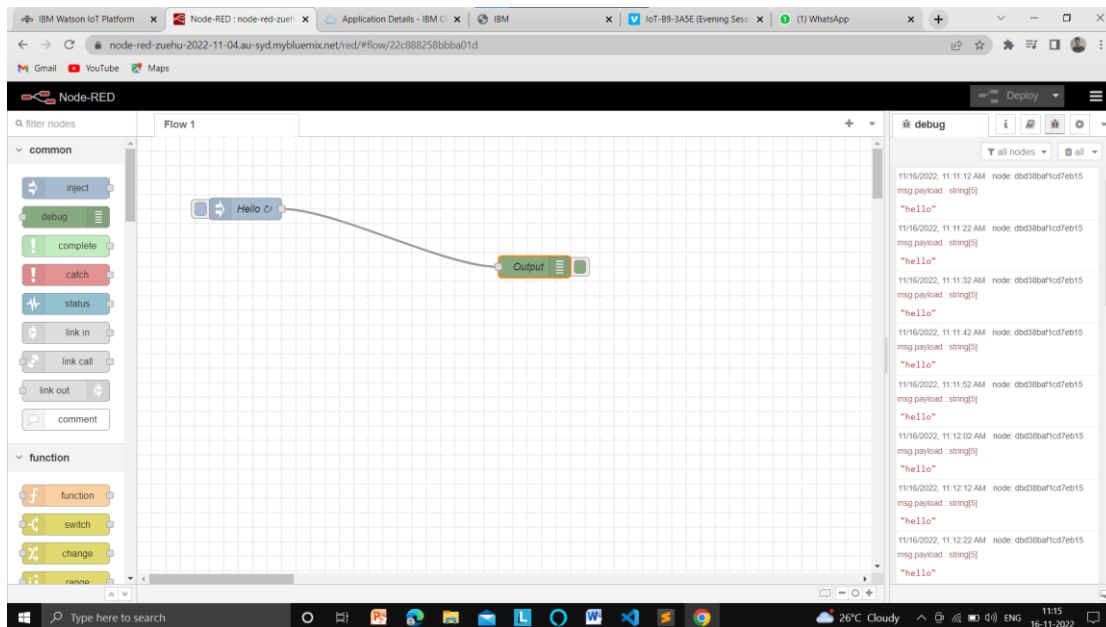
Step 4: click on deploy option and deploy

Step 5: Set up the environment for deploying and click on create

Step 6: Now drag and drop the nodes and connect nodes with IOT Watson platform

Step 7: setup the settings that connects node red service with Watson IOT

Step 8: Finally, output can be seen in node red service



IBM IoT-B9-3ASE (Afternoon) | Service Details - IBM | Cloudant Dashboard | Node-RED: node-red-... | IBM Watson IoT Platform | node-red-contrib-sci

node-red-zuehu-2022-11-04-au-syd.mybluemix.net/red/#flow/22c88258bba01d

Node-RED

Flow 1

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function
- switch
- change
- range

IBM IoT

Temperature

hum

moisture

output

debug

all nodes

11/17/2022, 11:47:12 AM node: output
iot-
2/type/PNT2022TMD42867/Id/PNT2022MID42867/rev/ve
:msg payload: number
57

11/17/2022, 11:47:13 AM node: output
iot-
2/type/PNT2022TMD42867/Id/PNT2022MID42867/rev/ve
:msg payload: Object
{ randomNumber: 17, temp: 28, hum:
94 }

11/17/2022, 12:12:05 PM node: output
iot-
2/type/PNT2022TMD42867/Id/PNT2022MID42867/rev/ve
:msg payload: number
28

11/17/2022, 12:12:05 PM node: output
iot-
2/type/PNT2022TMD42867/Id/PNT2022MID42867/rev/ve
:msg payload: Object
{ randomNumber: 63, temp: 49, hum:
96 }

11/17/2022, 12:12:05 PM node: output
iot-
2/type/PNT2022TMD42867/Id/PNT2022MID42867/rev/ve
:msg payload: number
49

IBM | Service Details - IBM Cloud | IBM Watson IoT Platform | Node-RED: node-red-zuehu-20...

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Node-RED

Flow 1

common

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IBM IoT

Temperature

output

debug

all nodes

11/17/2022, 10:19:01 AM node: output
iot-
2/type/PNT2022TMD42867/Id/PNT2022MID42867/rev/ve
:msg payload: Object
{ randomNumber: 9, temp: 32, hum:
94 }

11/17/2022, 10:19:01 AM node: output
iot-
2/type/PNT2022TMD42867/Id/PNT2022MID42867/rev/ve
:msg payload: number
32

11/17/2022, 10:19:09 AM node: output
iot-
2/type/PNT2022TMD42867/Id/PNT2022MID42867/rev/ve
:msg payload: Object
{ randomNumber: 38, temp: 12, h
84 }

11/17/2022, 10:19:10 AM node: output
iot-
2/type/PNT2022TMD42867/Id/PNT2022MID42867/rev/ve
:msg payload: number
12