

**TEAM ID : PNT2022TMID54378**

**PROJECT: IOT Based Smart waste management for metropolitan cities**

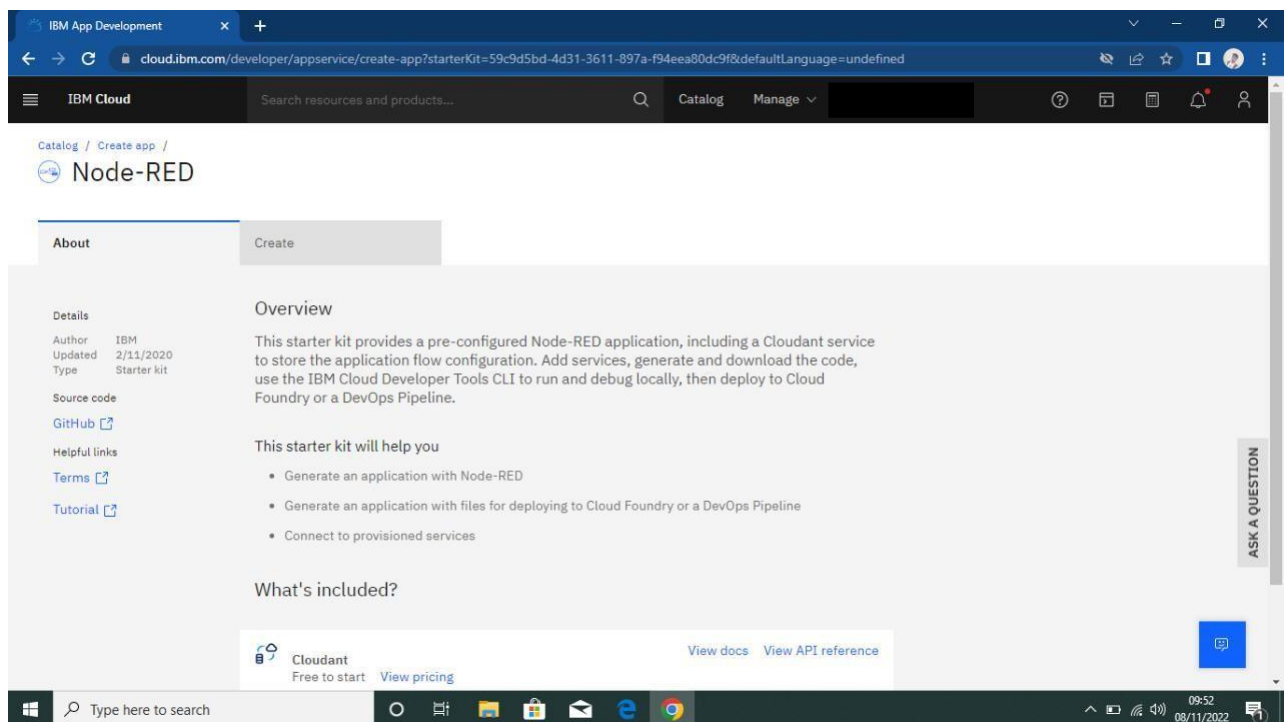
## **Create Node-RED Service**

### **Aim:**

To create a web application create a Node-RED service.

### **Steps:**

1. Navigated to the App creation page



## 2. Entered project details and clicked on create

IBM App Development

cloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-f94eea80dc9f&defaultLanguage=undefined

IBM Cloud Search resources and products...

App name: Node RED KGKBY 2022-11-08

Accept the default name, or enter a value between 2 and 128 characters.

Resource group: Default

Tags: Examples: env:dev, version-1

Platform: Node.js

Service details

Cloudant

Region: Sydney Resource group: Default

ASK A QUESTION

## 3. Clicking on the “Deploy your App” Button

IBM App Development

cloud.ibm.com/developer/appservice/apps/ebfa89a6-9cd7-42d2-ab3d-ec04ae94338b

IBM Cloud Search resources and products...

Resource list / App details / Node RED KGKBY 2022-11-08 Add tags

Actions...

Details

App URL: You must deploy your app first

Source: Download code

Resource group: Default

Deployment target: You must deploy your app first

Created: 11/8/2022

Services

Cloudant

Open dashboard Documentation API reference

Credentials

Connect existing services Create service

Deployment Automation

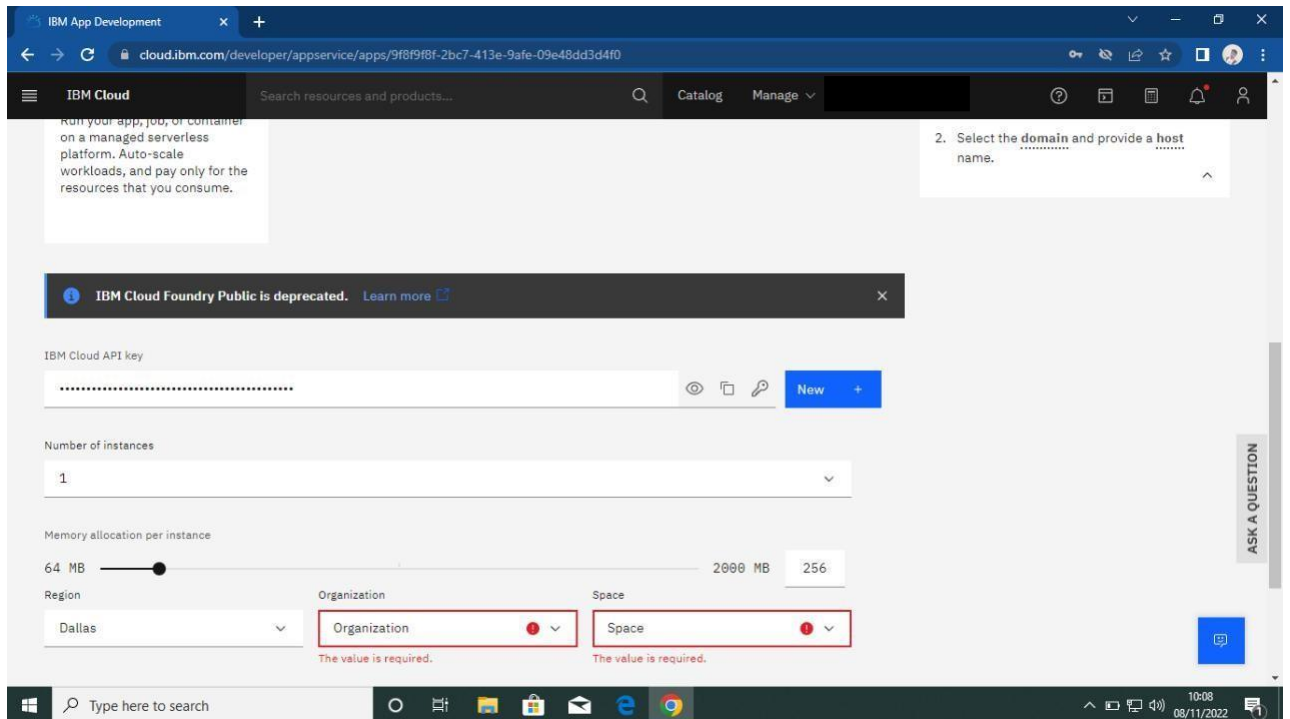
Configure Continuous Delivery

Continuous Delivery is not enabled for this app. Enable Continuous Delivery to automate builds, tests, and deployments through Delivery Pipeline, GitLab, and more.

Deploy your app

ASK A QUESTION

#### 4. Setting up the environment and deploying the app



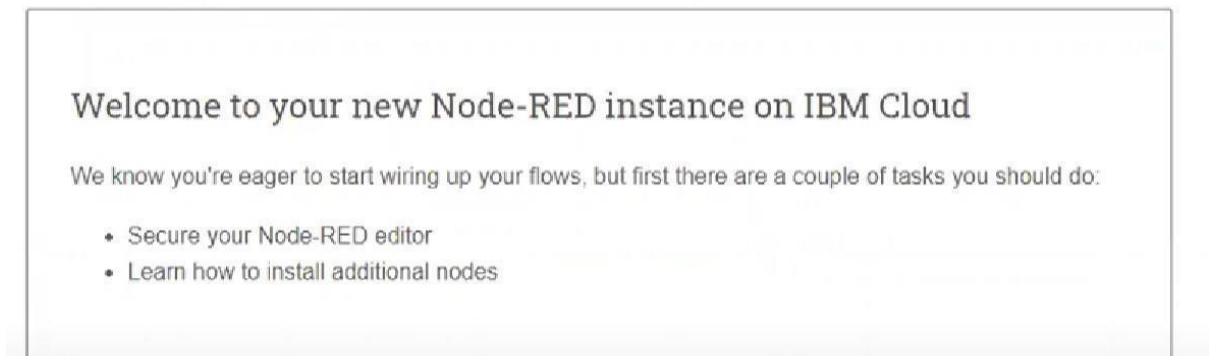
#### 5. Successfully deployed the app

### Delivery Pipelines

Name	ci-pipeline <a href="#">↗</a>
Status	✓ Success <a href="#">↗</a>
Last input	Last commit by IBM Cloud DevOps Services (7 minutes ago) Clone from zip <a href="#">↗</a>

#### 6. Welcomed by the instance editor

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## 7.Setting up credentials

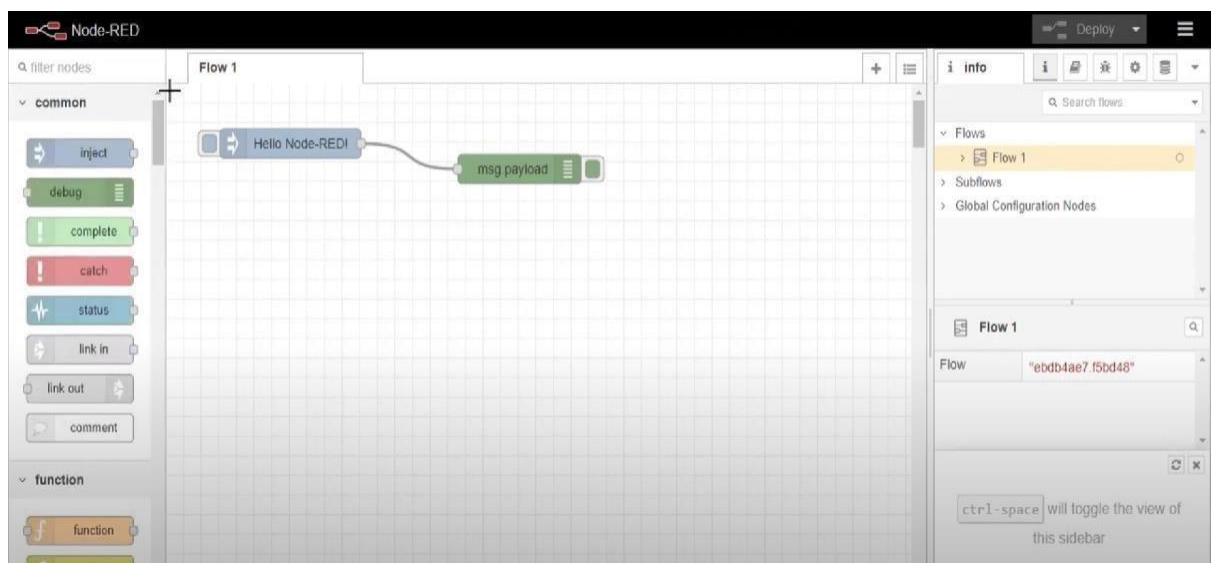
☐ Secure your editor so only authorised users can access it

☒ *Not recommended:* Allow anyone to access the editor and make changes

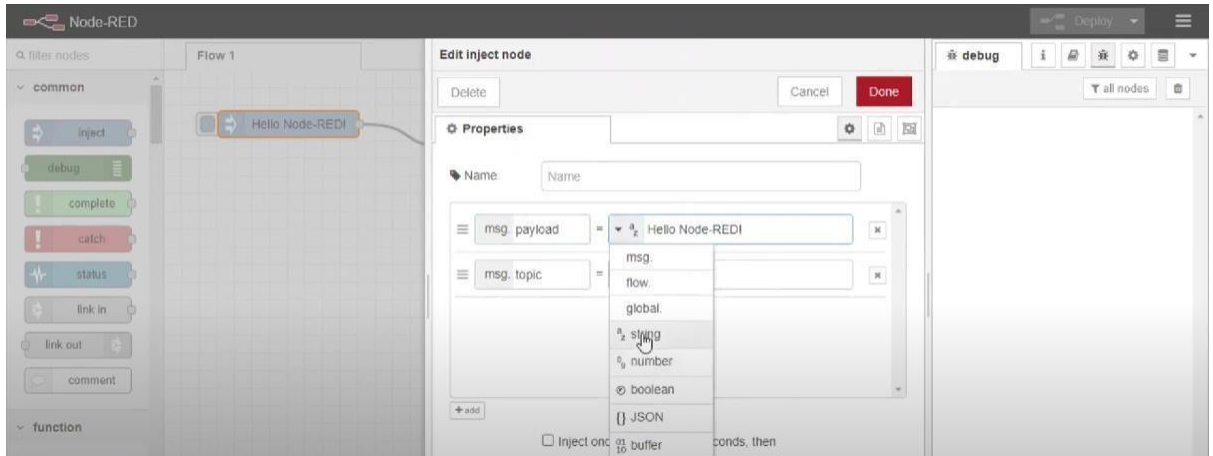
Your editor will not be secured. Anyone with the URL will be able to access your flows, data and bound services.

☒ Tick this box to confirm you want your editor to be insecure

## 8.Dragged and dropped components into the editor



## 9.Editing some values of the properties



10. Successfully deployed the app



## Result:

Successfully created a NodeRED service on IBM Cloud