

# Create Node-RED Service

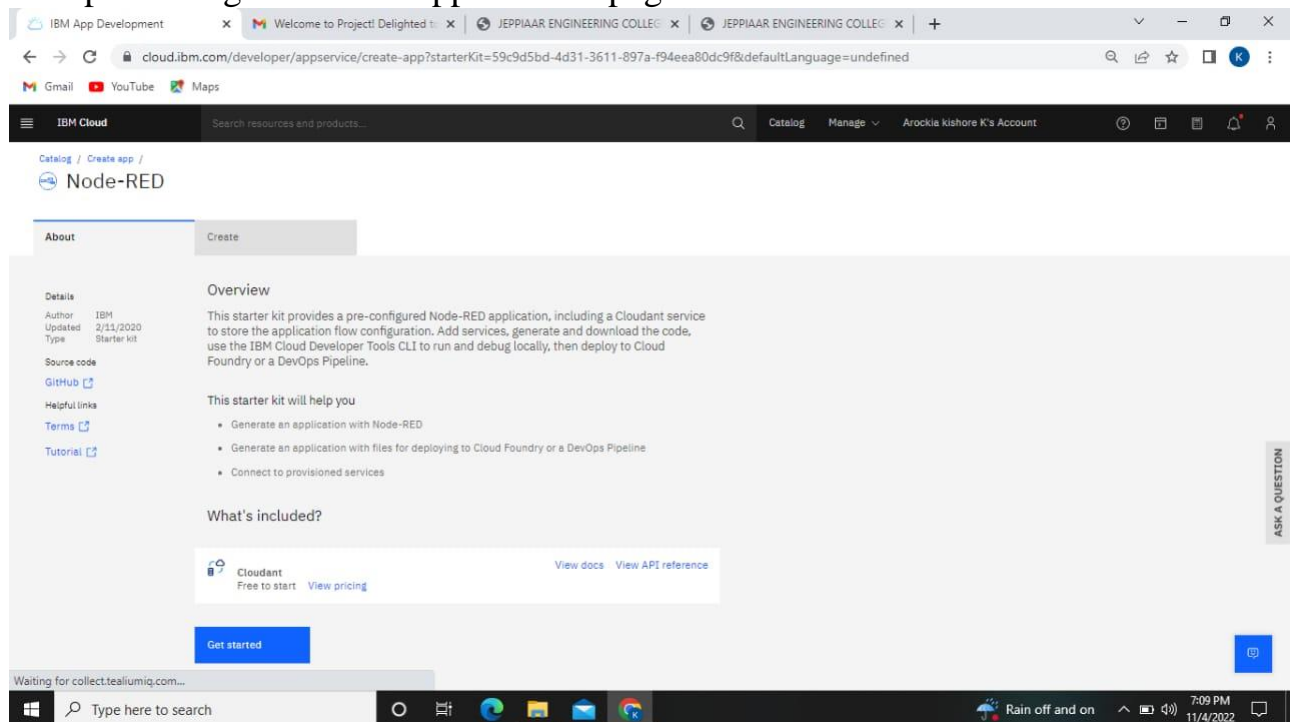
Date	26 October 2022
Team ID	PNT2022TMID27037
Project Name	Smart Waste Management Using IOT In Metropolitan Cities

## Aim:

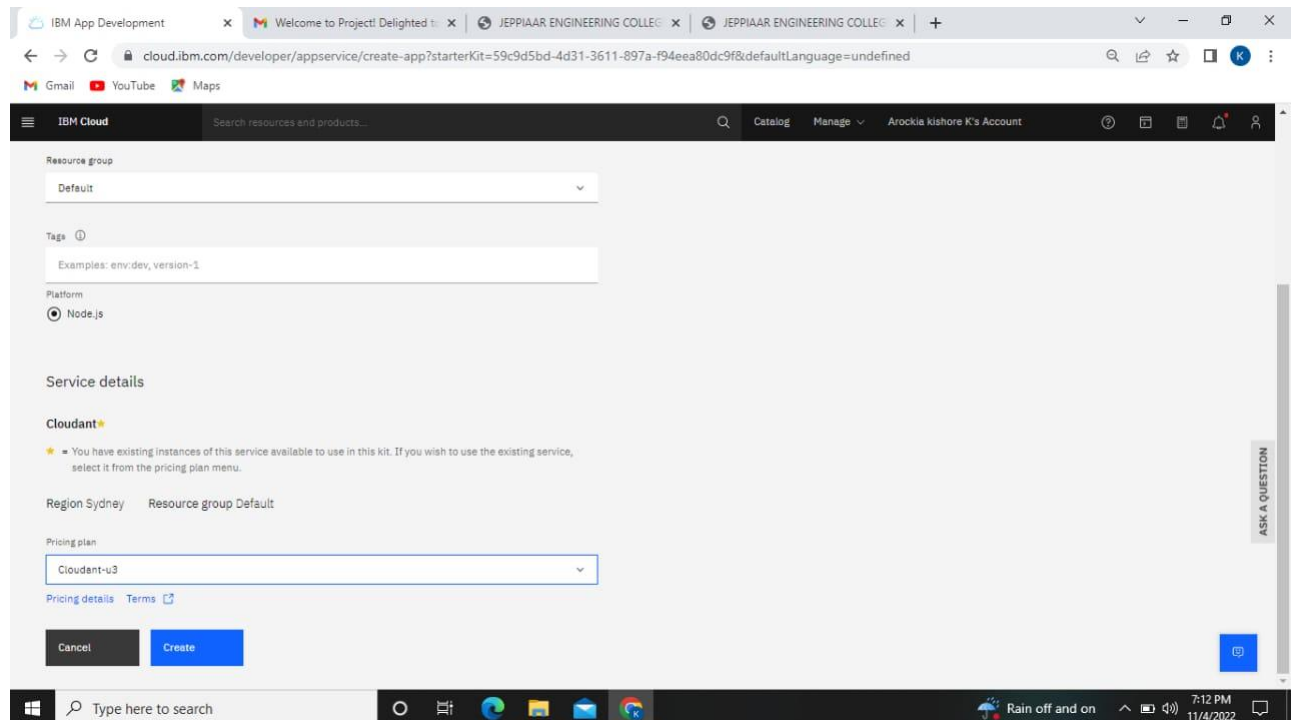
To create a web application, create a Node-RED service.

## Steps to be followed

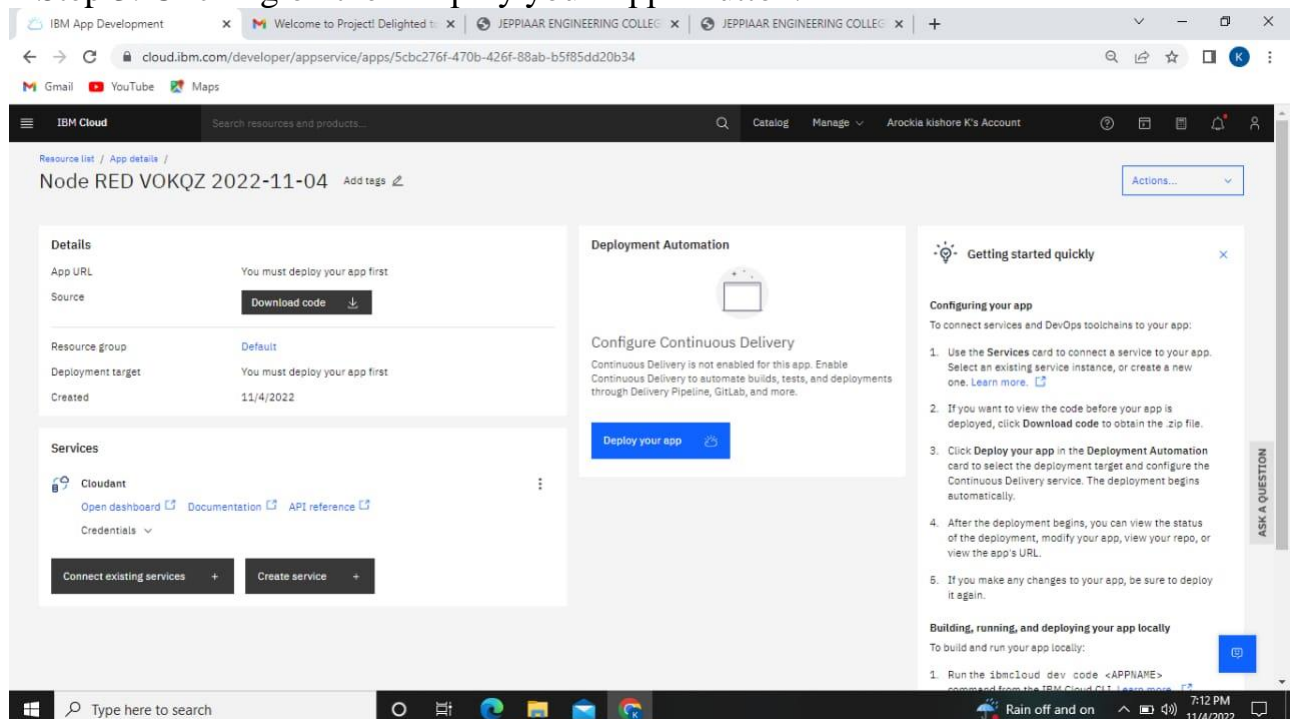
### Step 1: Navigated to the App creation page.



Step 2: Entered project details and clicked on create.



Step 3: Clicking on the “Deploy your App” Button.



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

The screenshot shows the IBM Cloud Developer console for an application. The URL is `cloud.ibm.com/developer/appservice/apps/5cbc276f-470b-426f-88ab-b5f85dd20b34`. The interface includes a search bar, a catalog, and a user profile for 'Arockia Kishore K's Account'. A notification banner states 'IBM Cloud Foundry Public is deprecated. Learn more'. The configuration section includes:

- IBM Cloud API key:** A field with a masked key and a 'New' button.
- Number of instances:** A dropdown menu set to '1'.
- Memory allocation per instance:** A slider ranging from 64 MB to 256 MB, currently set at 2000 MB.
- Region:** A dropdown menu set to 'Washington DC'.
- Organization:** A dropdown menu set to 'Organization'.
- Space:** A dropdown menu set to 'Space'.
- Host:** A text field containing 'node-red-vokaz-2022-11-04'.
- Domain:** A text field with the placeholder 'No domain available'.

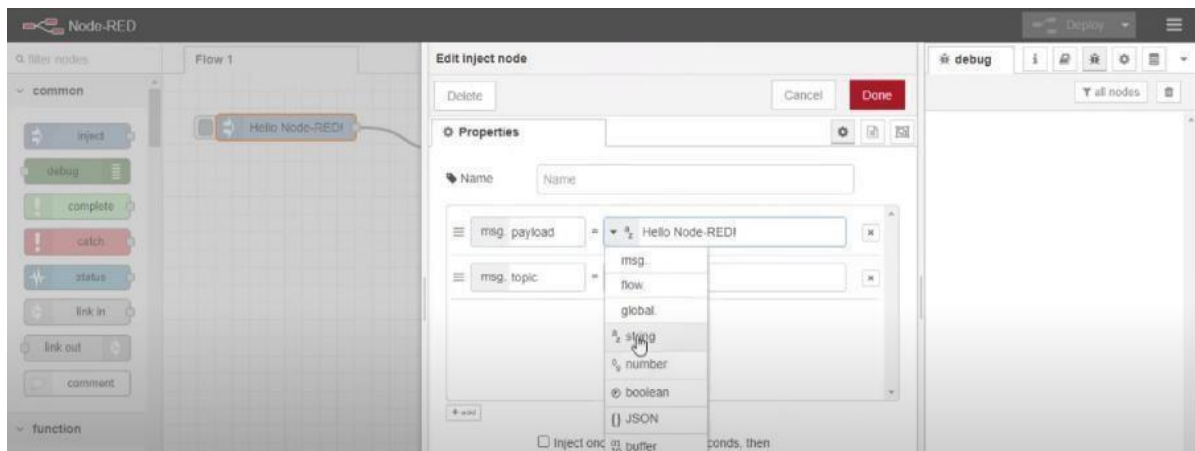
At the bottom, there are 'Cancel' and 'Next' buttons. A sidebar on the right contains a 'ASK A QUESTION' button and a list of steps for deployment.

## Step 5: Successfully deployed the app.

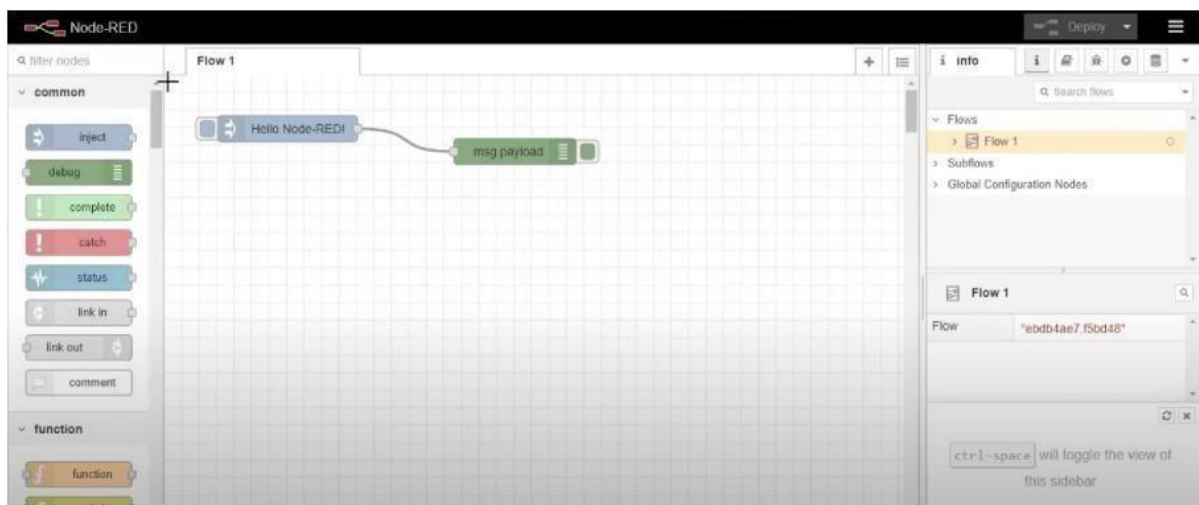
### Delivery Pipelines

Name	ci-pipeline
Status	Success
Last input	Last commit by IBM Cloud DevOps Services (7 minutes ago)
	Clone from zip

Step 6: Dragged and dropped components into the editor.



Step 7: Editing some values of the properties.



Step 8: Successfully deployed the app.



## **Result:**

Successfully created a Node RED service on IBM Cloud.