

# Create Node-RED Service

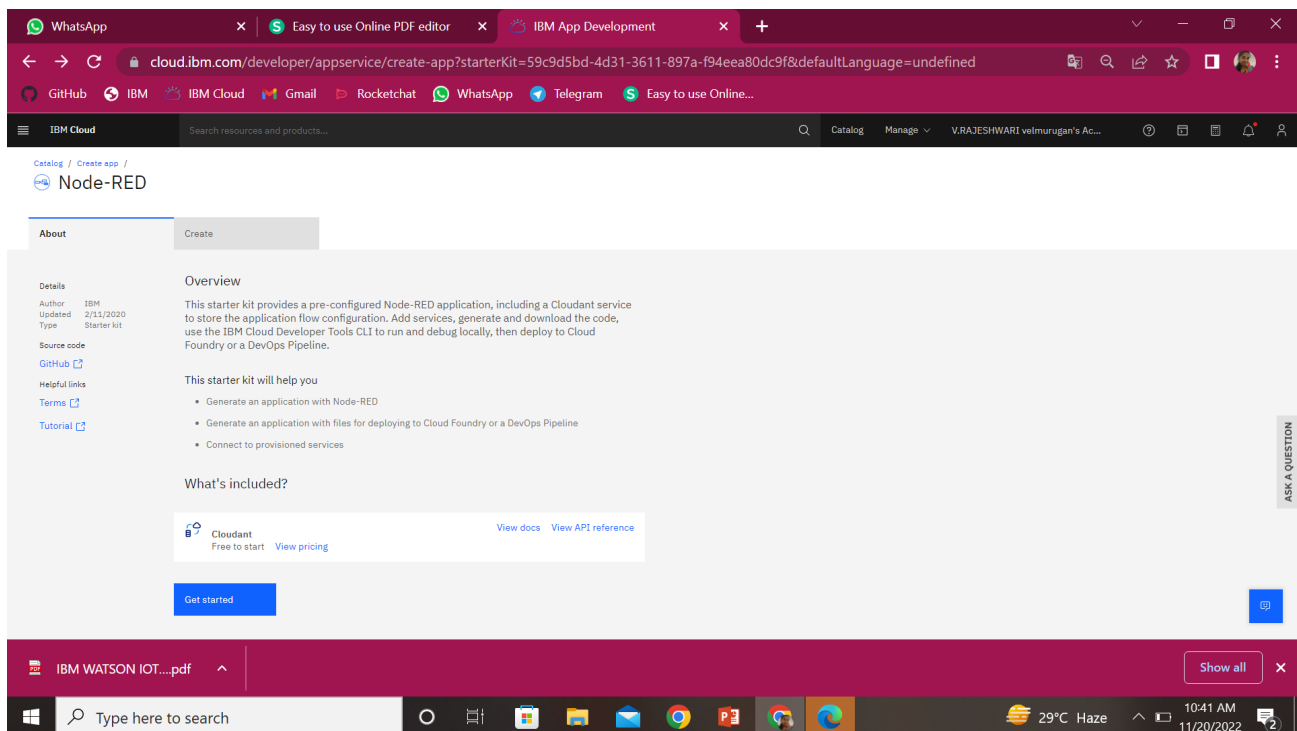
Date	26 October 2022
Team ID	PNT2022TMID26658
Project Name	Smart Waste Management Using IOT In Metropolitan Cities

## Aim:

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

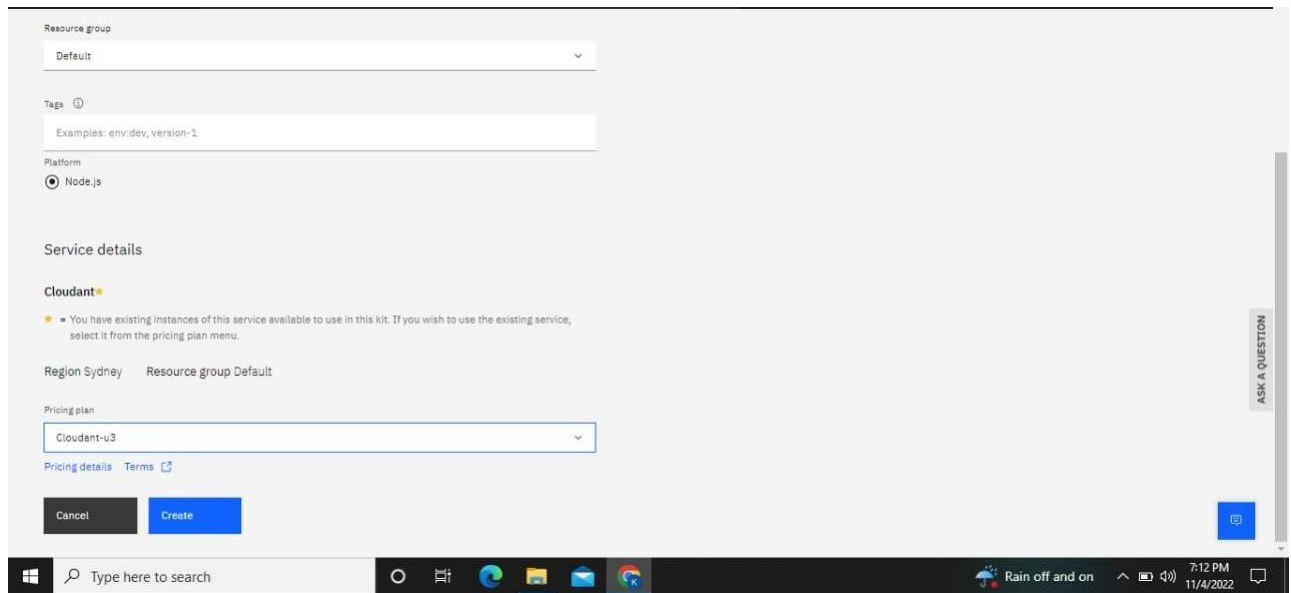
## Steps to be followed

Step 1: Navigated to the App creation page.

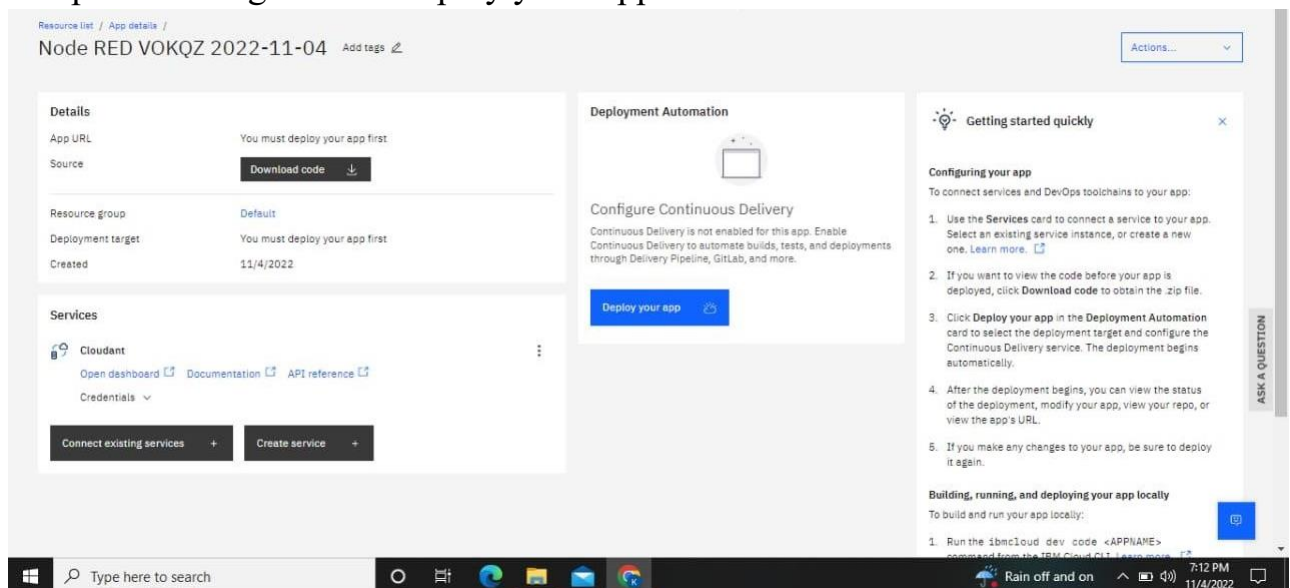


2: Entered project details and clicked on create.

## Step



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



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

## Step

The screenshot shows the IBM Cloud Foundry Public console. At the top, there are four cards: 'clusters', 'OpenShift on IBM Cloud', 'is available for quick and easy deployment', and 'workloads, and pay only for the resources that you consume'. Below these is a notification banner: 'IBM Cloud Foundry Public is deprecated. Learn more'. The main form is for creating a new application. It includes an 'IBM Cloud API key' field with a 'New +' button. Below that is a 'Number of instances' dropdown set to '1'. Then a 'Memory allocation per instance' slider from '64 MB' to '2000 MB' with a '256' input field. There are three dropdowns for 'Region' (Washington DC), 'Organization', and 'Space'. Below these are 'Host' and 'Domain' fields. The 'Host' field contains 'node-red-vokaz-2022-11-04' and the 'Domain' field contains 'No domain available'. At the bottom left are 'Cancel' and 'Next' buttons. On the right side, there is a sidebar with 'ASK A QUESTION' and a 'Before you begin' section with a list of steps: '1. Select the number of instances, memory allocation, region, org, and space.' and '2. Select the domain and provide a host name.'

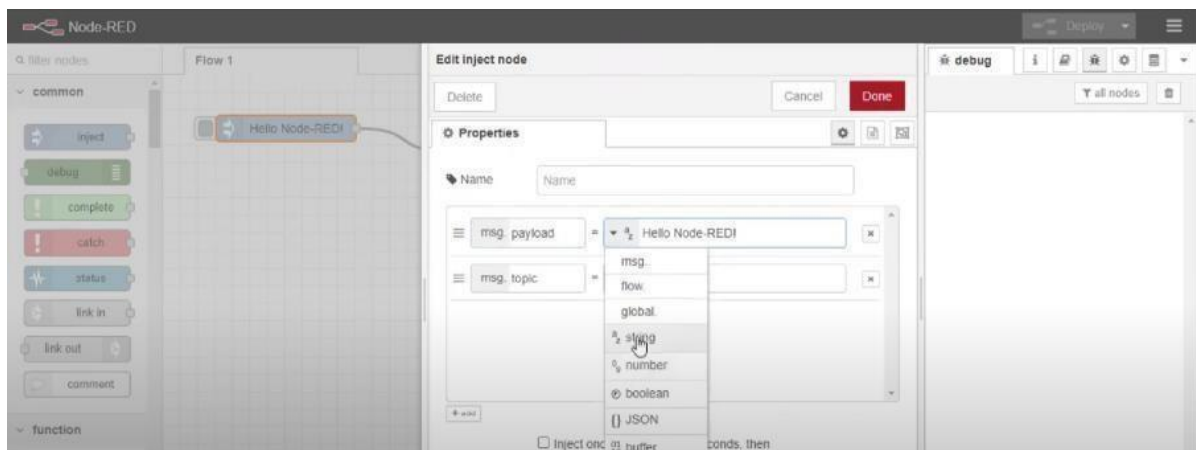
Step 5: Successfully deployed the app.

### Delivery Pipelines

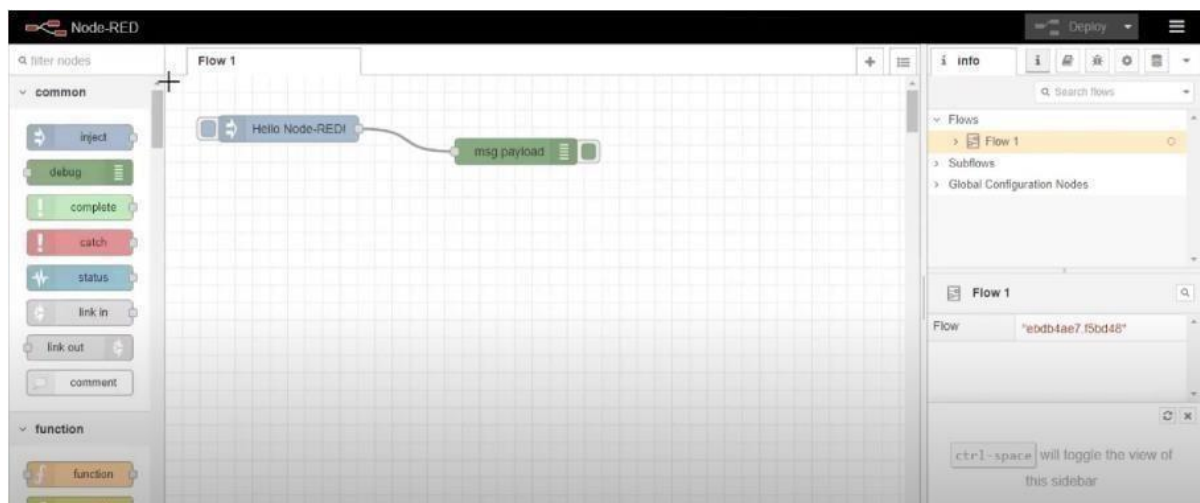
Name	ci-pipeline
Status	Success
Last input	Last commit by IBM Cloud DevOps Services (7 minutes ago)
	Clone from zip

6: Dragged and dropped components into the editor.

## Step



Step 7: Editing some values of the properties.



8: Successfully deployed the app.



Step

**Result:**

Successfully created a Node RED service on IBM Cloud.