

Create Node-RED Service

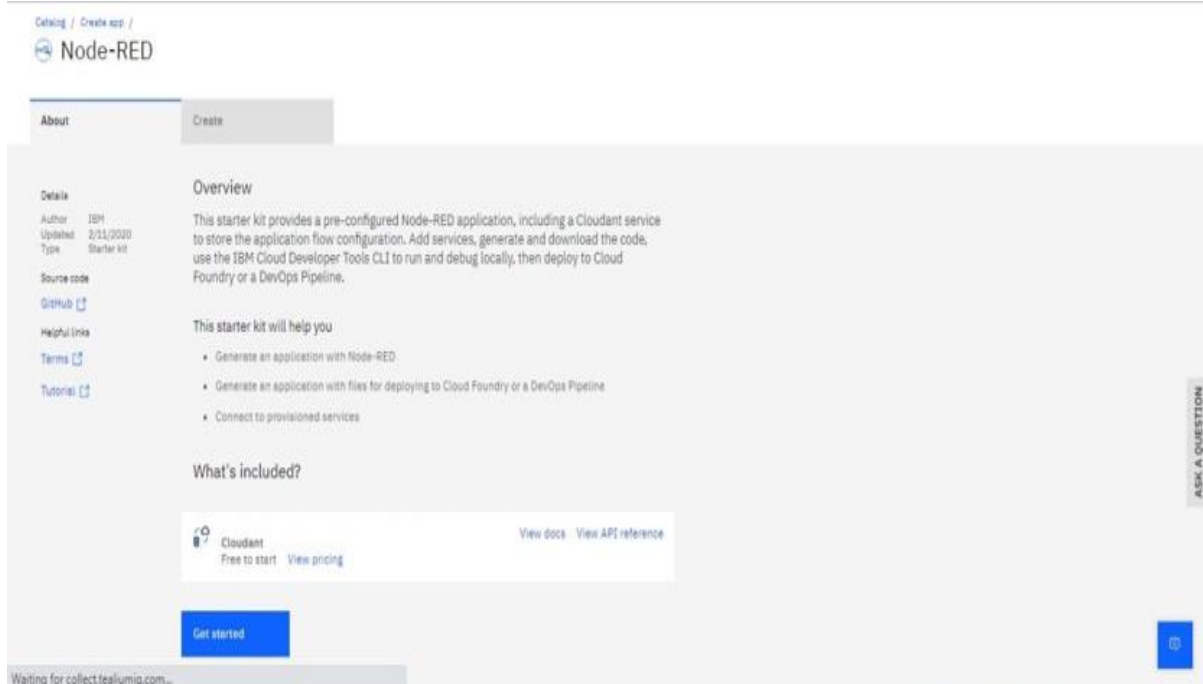
Date	18 November 2022
Team ID	PNT2022TMID05301
Project Name	Smart Waste Management Using IOT In Metropolitan Cities

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.

Resource group

Default

Tags

Examples: env:dev, version:1

Platform

☒ Node.js

Service details

Cloudant

• You have existing instances of this service available to use in this kit. If you wish to use the existing service, select it from the pricing plan menu.

Region Sydney Resource group Default

Pricing plan

Cloudant-u3

Pricing details Terms

Cancel Create

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

Resource list / App details / Node RED VOKQZ 2022-11-04 Add tags

Details

App URL You must deploy your app first

Source Download code

Resource group Default

Deployment target You must deploy your app first

Created 11/4/2022

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

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)
2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.
5. If you make any changes to your app, be sure to deploy it again.

Building, running, and deploying your app locally

To build and run your app locally:

1. Run the `ibmcloud dev code <APPNAME>`

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

deployment. resources that you consume.

IBM Cloud Foundry Public is deprecated. [Learn more](#)

IBM Cloud API key

Number of instances

1

Memory allocation per instance

64 MB 2000 MB 256

Region Washington DC

Organization

Space

Host node-red-vokqz-2022-11-04

Domain No domain available

Cancel Next

testing purposes.

Before you begin

- If your account doesn't have a Cloud Foundry org, you must create one. [Create org.](#)

Steps

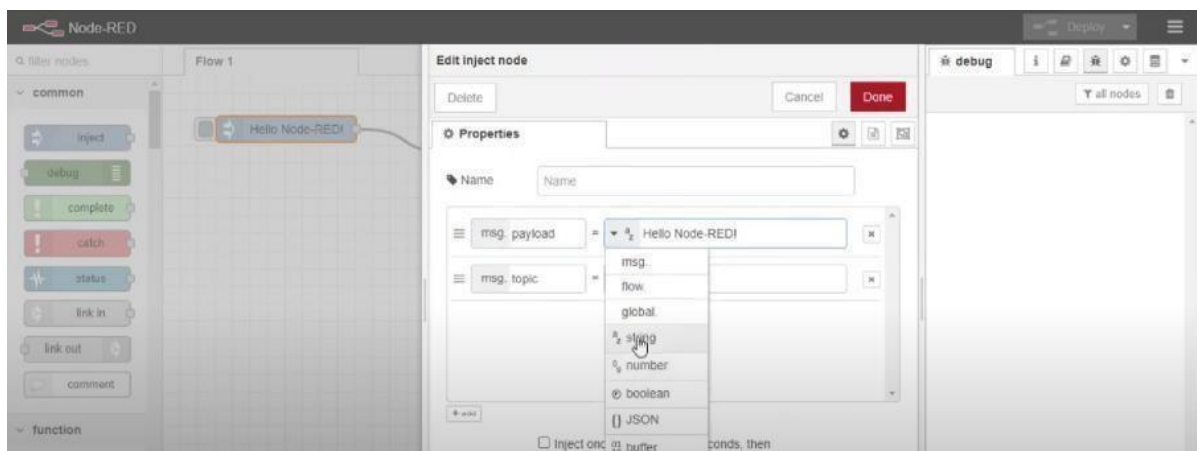
1. Select the number of instances, memory allocation, region, org, and space.
2. Select the domain and provide a host name.

Step 5: Successfully deployed the app.

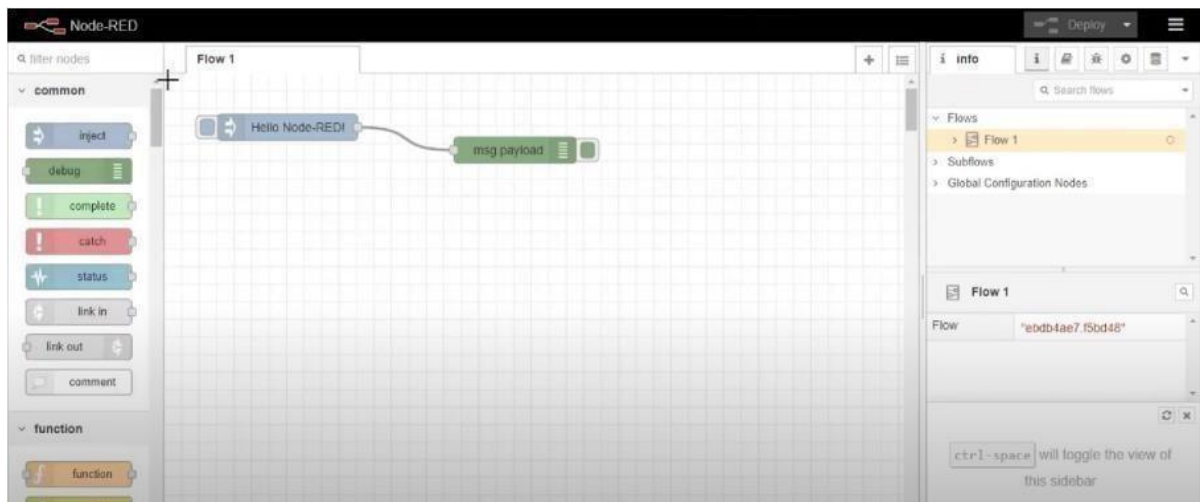
Delivery Pipelines

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

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.