

Create NODE-RED Services

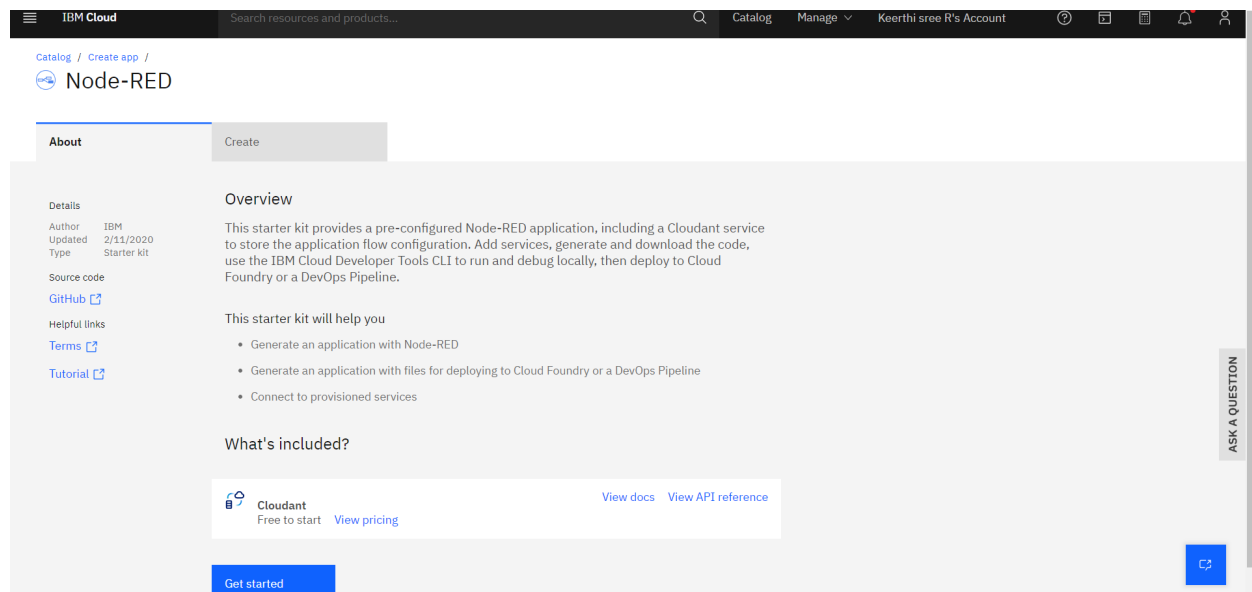
Date	3 NOVEMBER 2022
Team ID	PNT2022TMID05191
Project name	Smart waste management system for metropolitan cities

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.

 Node-RED

About

Create

App details

App name

Node RED XHPUI 2022-11-17

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

Resource group

Default

User tags

Examples: env:dev, version-1

Platform

☒ Node.js

ASK A QUESTION

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

IBM Cloud

Search resources and products...

Catalog

Manage

Keerthi sree R's Account

ASK A QUESTION

Resource list / App details /

Node RED NZJGS 2022-11-17

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

11/17/2022

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.

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

IBM Cloud API key

Note: Your cluster status must be available before you can select it.

Container registry region: Container registry region

Container registry namespace: Container registry namespace

Cluster region: Dallas

Cluster resource group: Default

Cluster namespace: default

Cluster name: No clusters available

Deployment type: Helm

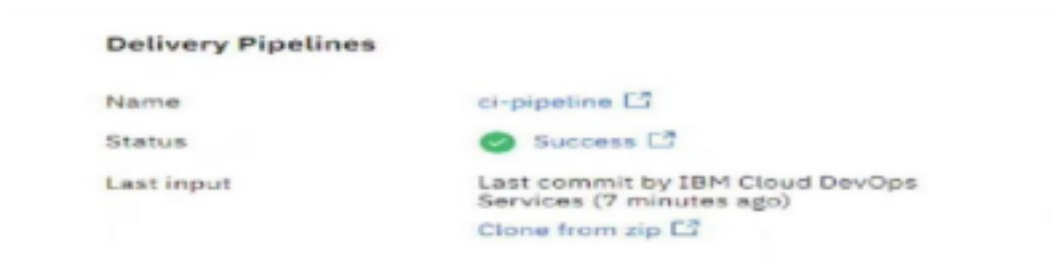
Steps

1. Create an IBM Cloud API key, or select an existing one from a secrets store.
2. Select the container registry region.
3. Enter the container registry namespace if it is not already completed.
4. Select the region where your Kubernetes cluster is located.
5. Select the resource group, cluster namespace, and the cluster name.
6. The deployment type of **Helm** is selected for you.
7. Click **Next**.

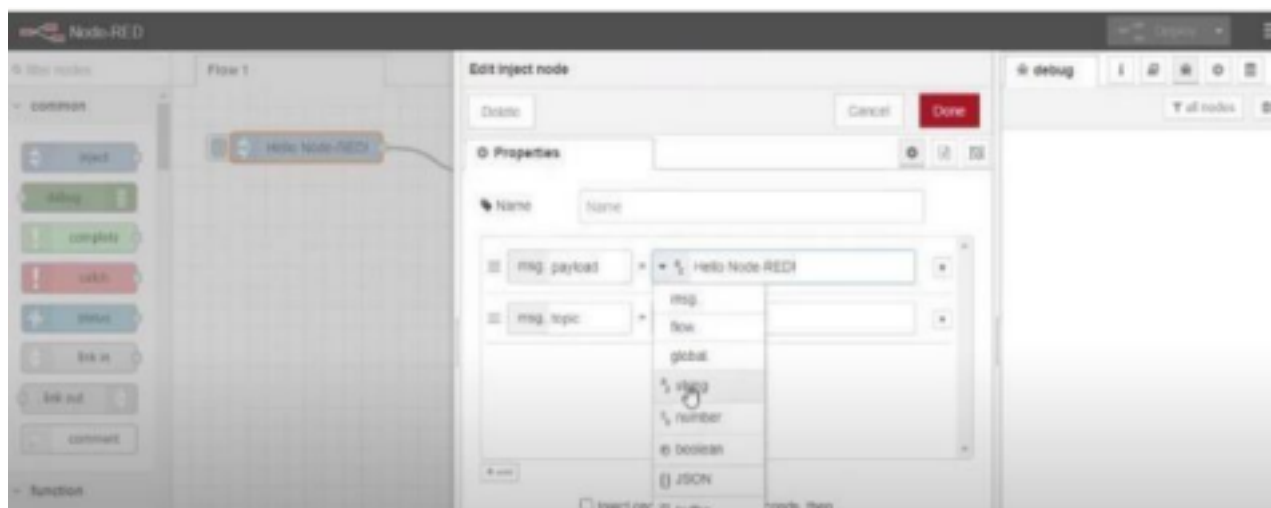
Cancel Next

ASK A QUESTION

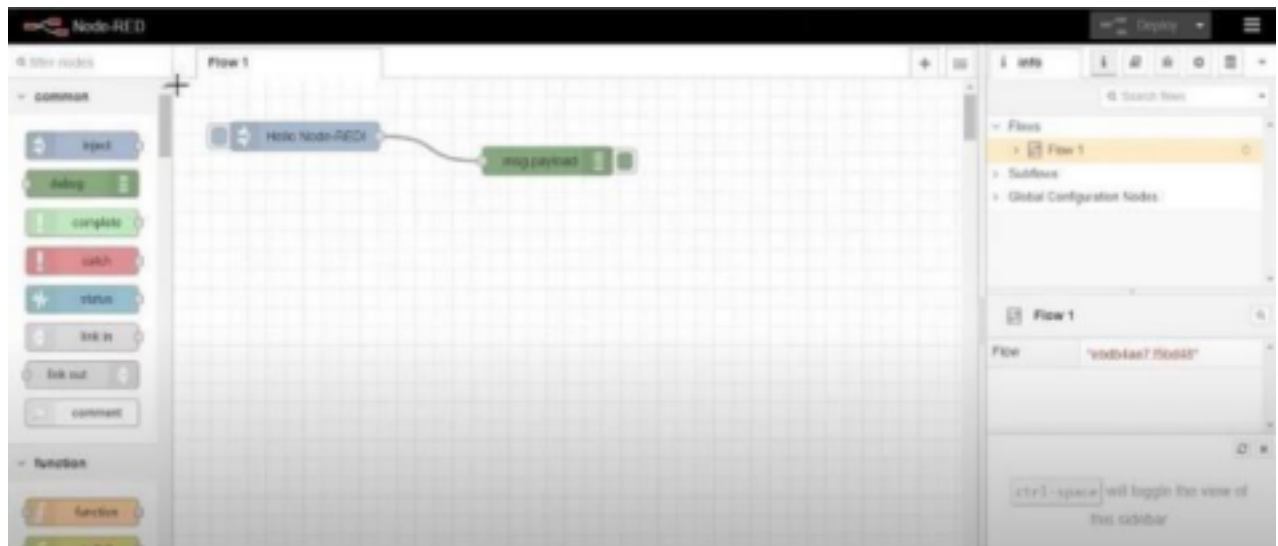
Step 5: Successfully deployed the app.



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.