

Create Node-RED Service

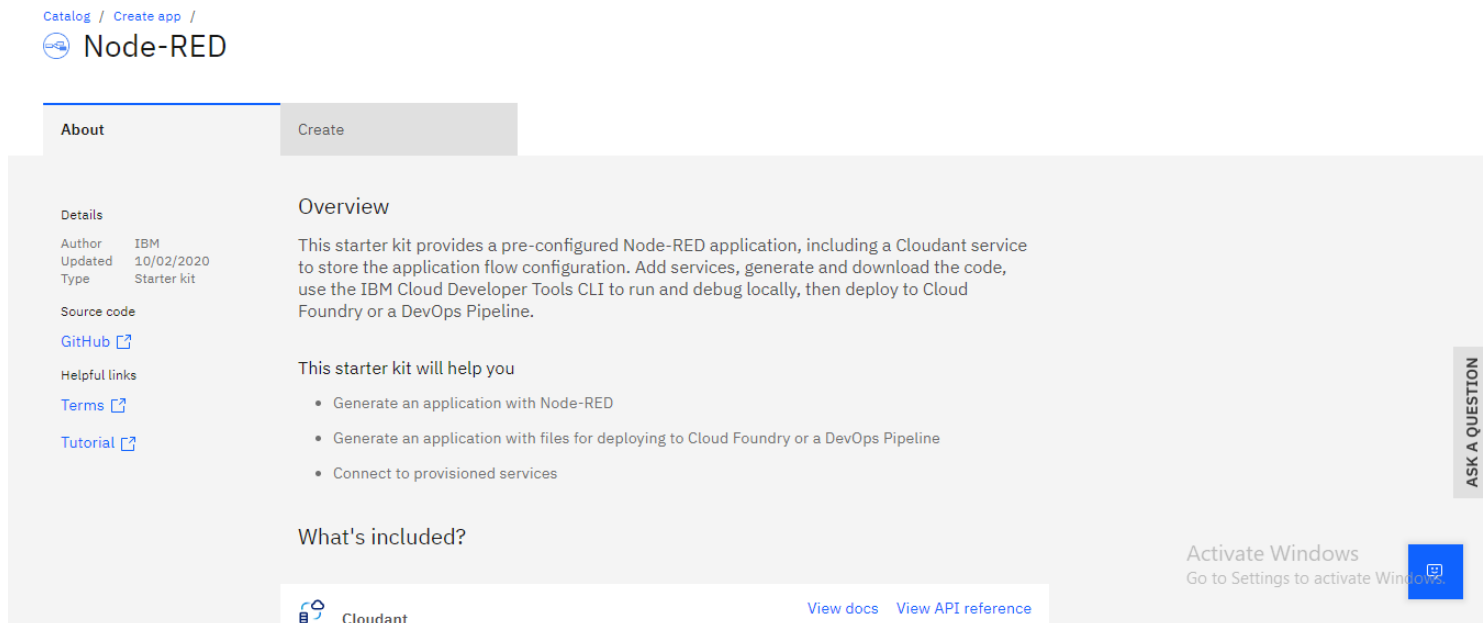
Date	3 NOVEMBER 2022
Team ID	PNT2022TMID42181
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

Aim:

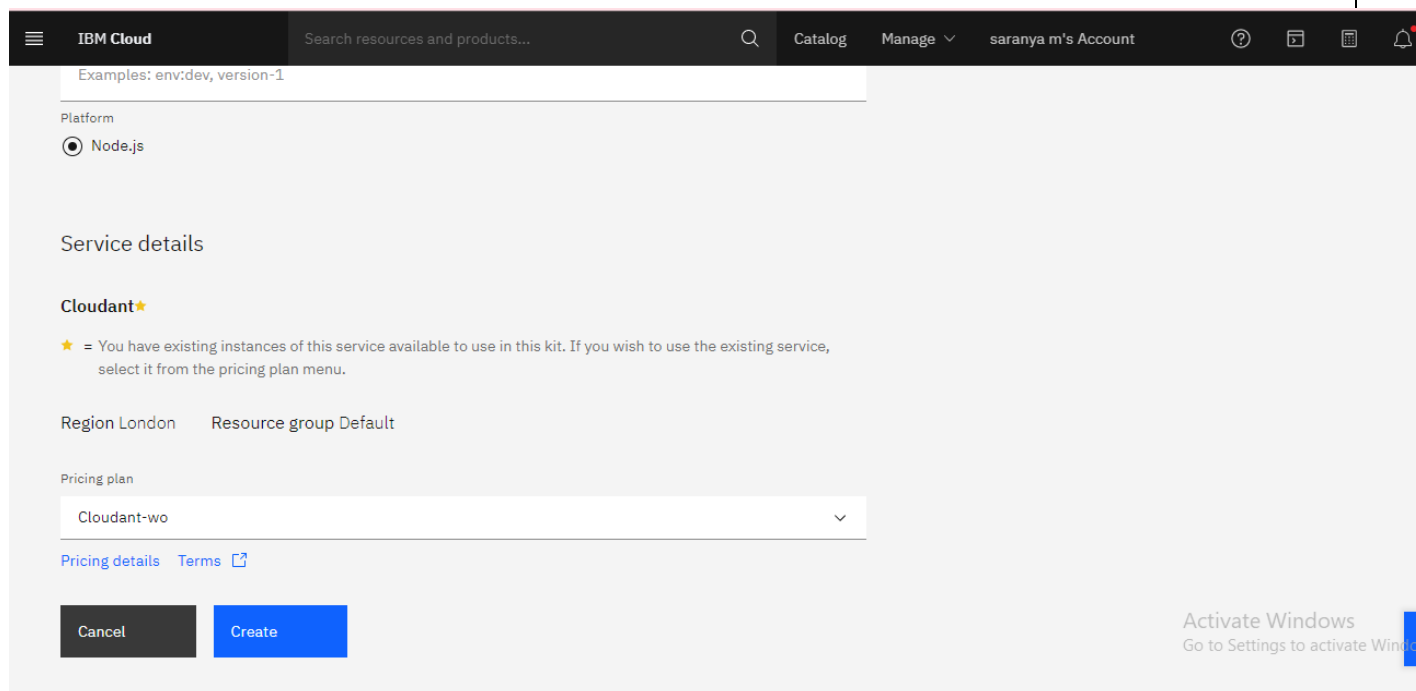
To create a web application, create a Node-RED service.

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.

IBM Cloud

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saranya m's Account

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Node RED QKYON 2022-11-13

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

13/11/2022

Services

Cloudant

Open dashboard

Documentation

API reference

Credentials

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

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

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Run your app, job, or container on a managed serverless platform. Auto-scale workloads, and pay only for the resources that you consume.

IBM Cloud API key

.....

New

Provided API key could not be validated.

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

Container registry region

Container registry namespace

Cluster region

Cluster resource group

Cluster namespace

Cluster name

Create new

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.

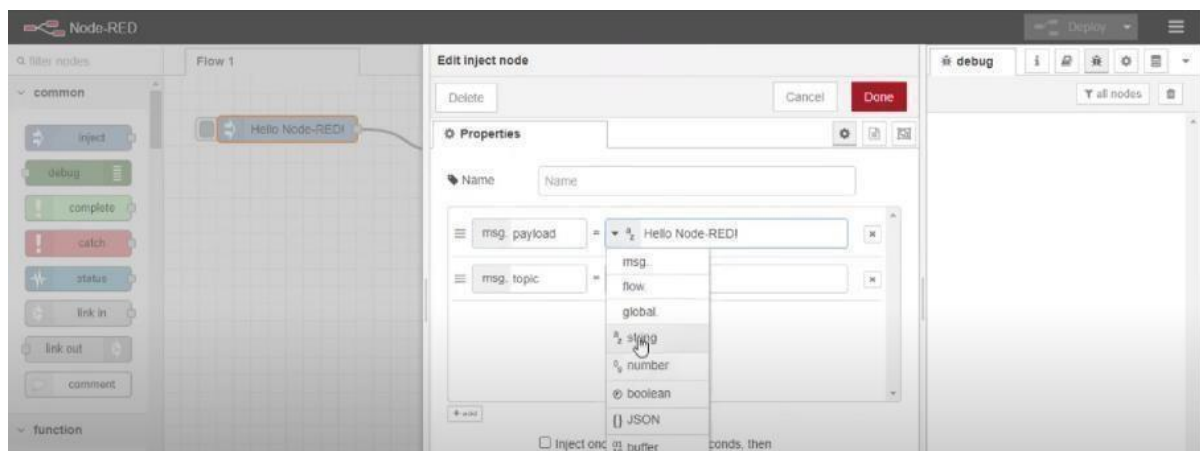
7. Click **Next**.

Step 5: Successfully deployed the app.

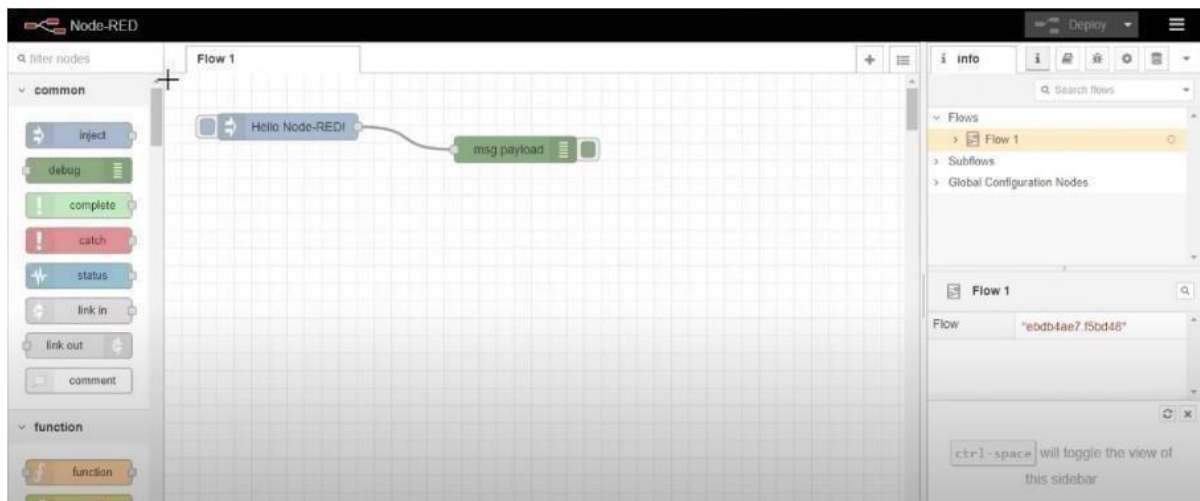
Delivery Pipelines

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.