

Creating Node-RED Service

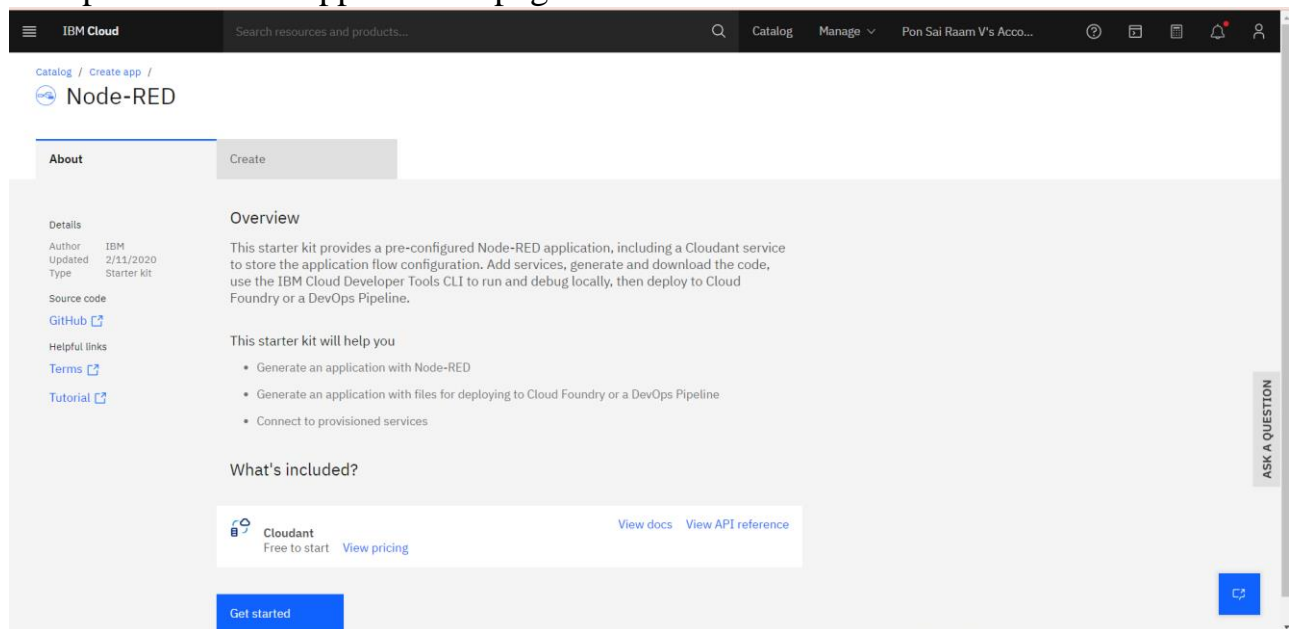
Date	11 November 2022
Team ID	PNT2022TMID53629
Project Name	Gas leakage monitoring and alerting system for industries

Aim:

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

Steps to be followed :-

Step 1: Go to the App creation page.



Step 2: Enter the project details and click create.

About

Create

App details

App name

Node RED SZSFC 2022-11-12

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

Resource group

Default

Tags ⓘ

Examples: env:dev, version-1

Platform

☒ Node.js

Service details

ASK A QUESTION



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

Step 4: Set up the environment and deploy the app

Step 5: App deployed successfully

IBM Cloud

Search resources and products...

Q

Catalog

Manage

Pon Sai Raam V's Acco...

?

Resource list / App details /

Node RED HRCPC 2022-11-11

Add tags

Actions...

Details

App URL

https://node-red-hrcpc-2022-11-11.eu-gb.mybluemix.net

Source

https://eu-gb.git.cloud.ibm.com/vponsairaam/NodeREDHRCPC...

Resource group

Default

Deployment target

Node RED HRCPC 2022-11-11

Created

11/11/2022

Services

Cloudant

Open dashboard Documentation API reference

Credentials

Connect existing services Create service

Deployment Automation

Name

NodeREDHRCPC2022-11-11

Location

London

Tool integrations

Delivery Pipelines

Name

pr-pipeline

Status

No stages detected

Name

ci-pipeline

Status

Success

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.

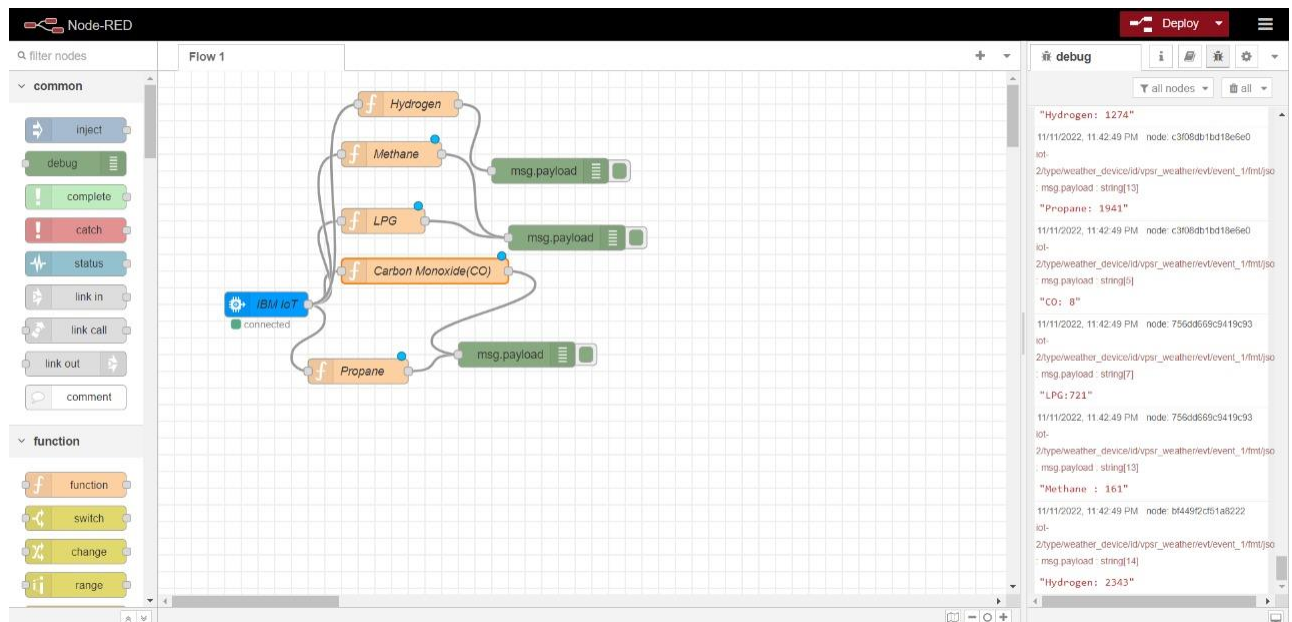
3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.

4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the

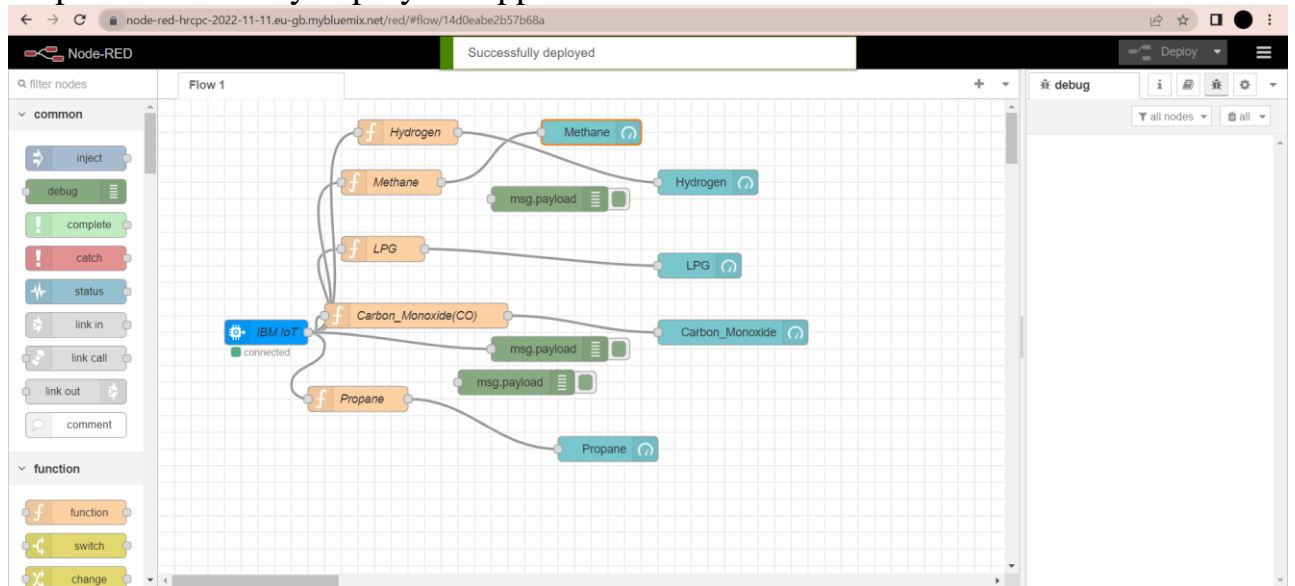
Step 6: Drag and drop the components into the editor

The screenshot shows the Node-RED web interface. On the left, the 'common' node palette contains an 'inject' node. In the center workspace, a flow named 'Flow 1' contains an 'inject' node with the payload 'Hello Node-RED!'. On the right, the 'Edit Inject node' configuration panel is open. It shows the 'msg.payload' set to 'Hello Node-RED!'. The 'msg.topic' dropdown menu is open, displaying a list of options: 'msg', 'flow', 'global', 'string', 'number', 'boolean', and 'JSON'. The 'string' option is currently selected. At the bottom of the configuration panel, there are checkboxes for 'Inject once' and 'Inject on error', and a 'buffer' checkbox.

Step 7: Add blocks and edit them according to need



Step 8: Successfully deploy the app.



Result:

Node RED service was successfully created on IBM Cloud.