

Creating Node-RED Service

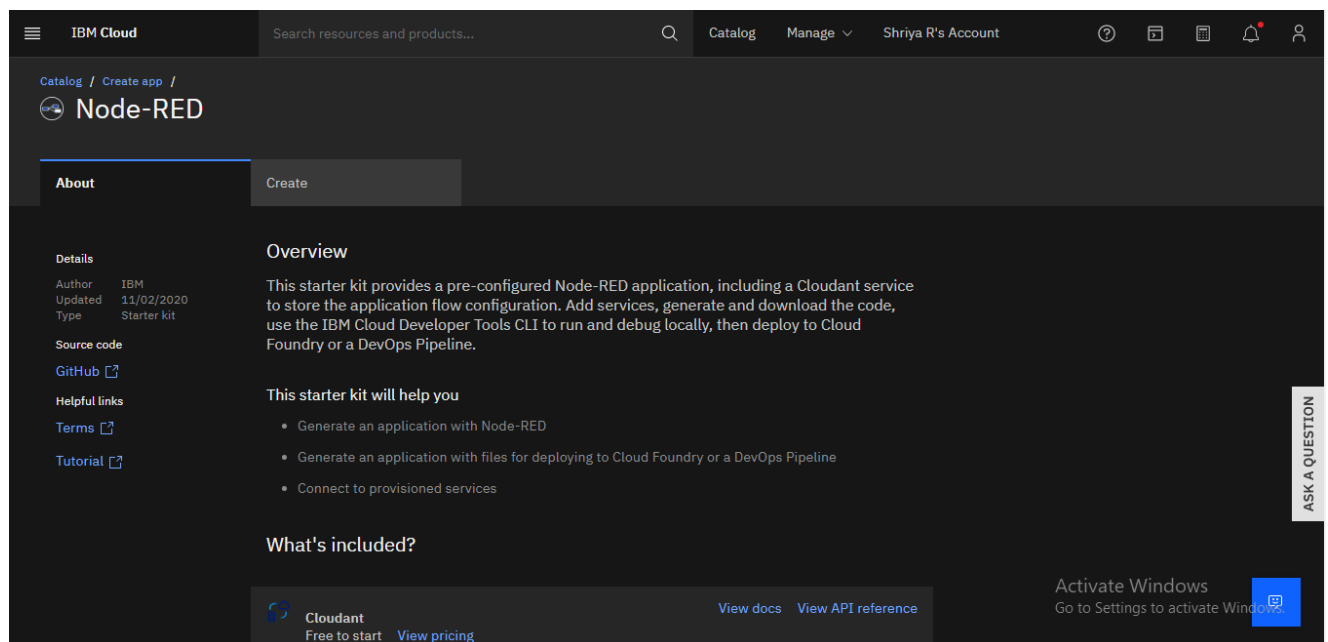
Date	15 November 2022
Team ID	PNT2022TMID51029
Project Name	Gas leakage monitoring and alerting system for industries

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.

IBM Cloud

Search resources and products...

Catalog Manage Shriya R's Account

Catalog / Create app /

Node-RED

About Create

App details

App name

Node RED PQRHS 2022-11-14

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

Activate Windows
Go to Settings to activate Windows.

ASK A QUESTION

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

Step 4: Set up the environment and deploy the app

IBM Cloud

Search resources and products...

Catalog Manage Shriya R's Account

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

IBM Cloud API key

.....

New +

Number of instances

1

Memory allocation per instance

64 MB 2000 MB 256

Region Organization Space

Sydney 953619104037 dev

Host Domain

node-red-eztx-2022-11-14 au-syd.mybluemix.net

Cancel Next

Activate Windows
Go to Settings to activate Windows.

ASK A QUESTION

Step 5: App deployed successfully

IBM Cloud

Search resources and products...

Q

Catalog

Manage

Shriya R's Account

🔔

📅

📄

🔔

👤

Resource list /

Node RED EZZTX 2022-11-14

Running

Visit App URL

Add tags

Details

Actions...

Getting started

Overview

Runtime

Connections

Logs

API Management

Autoscaling

IBM Cloud Foundry Public is being deprecated. Please see full details.

Instances

Health

100%

1/1 instance(s) are running

Instances

1

MB memory per instance

0

2048

256

Runtime

Node.js

256

Total MB allocation

1.75 GB still available

Free

Used

Runtime cost

Current and estimated cost excludes connected services.

Connections (1)

Activate Windows

Go to Settings to activate Windows

node-red-qfave-2022--cloudant-1668437484054-89276

IBM Cloud

Search resources and products...

Q

Catalog

Manage

Shriya R's Account

🔔

📅

📄

🔔

👤

Runtime cost

Current and estimated cost excludes connected services.

\$0.00

\$0.00

Current charges for billing period

Estimated total for billing period

Nov 1, 2022 - Nov 30, 2022

Full details

Connections (1)

node-red-qfave-2022--cloudant-1668437484054-89276

Create connection

Continuous delivery

You enabled continuous delivery and have a toolchain. With your toolchain, you can automate builds, tests, deployments, and more. View docs

Activity feed

started Node RED EZZTX 2022-11-14 app

Nov 15, 2022, 06:04:06 AM | 953619104037@smartinternz.com

updated Node RED EZZTX 2022-11-14 app

changed routes

Nov 15, 2022, 06:03:43 AM | 953619104037@smartinternz.com

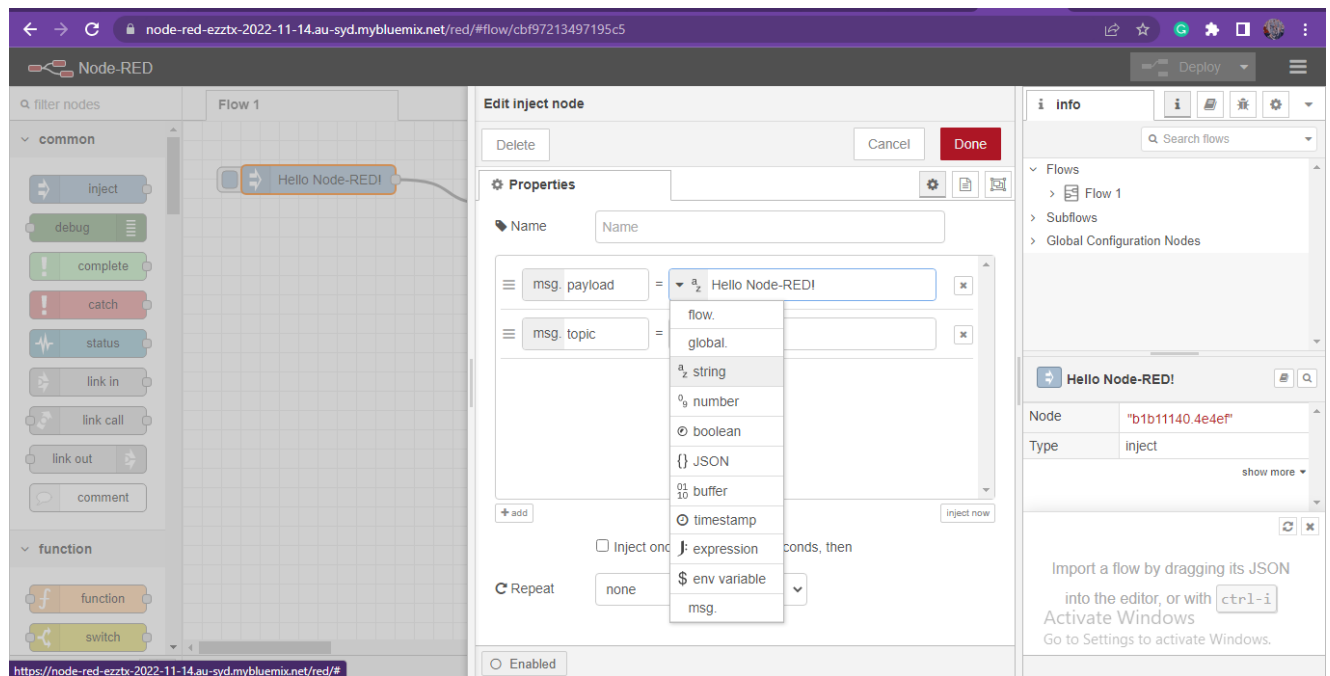
created Node RED EZZTX 2022-11-14 app

Nov 15, 2022, 06:03:41 AM | 953619104037@smartinternz.com

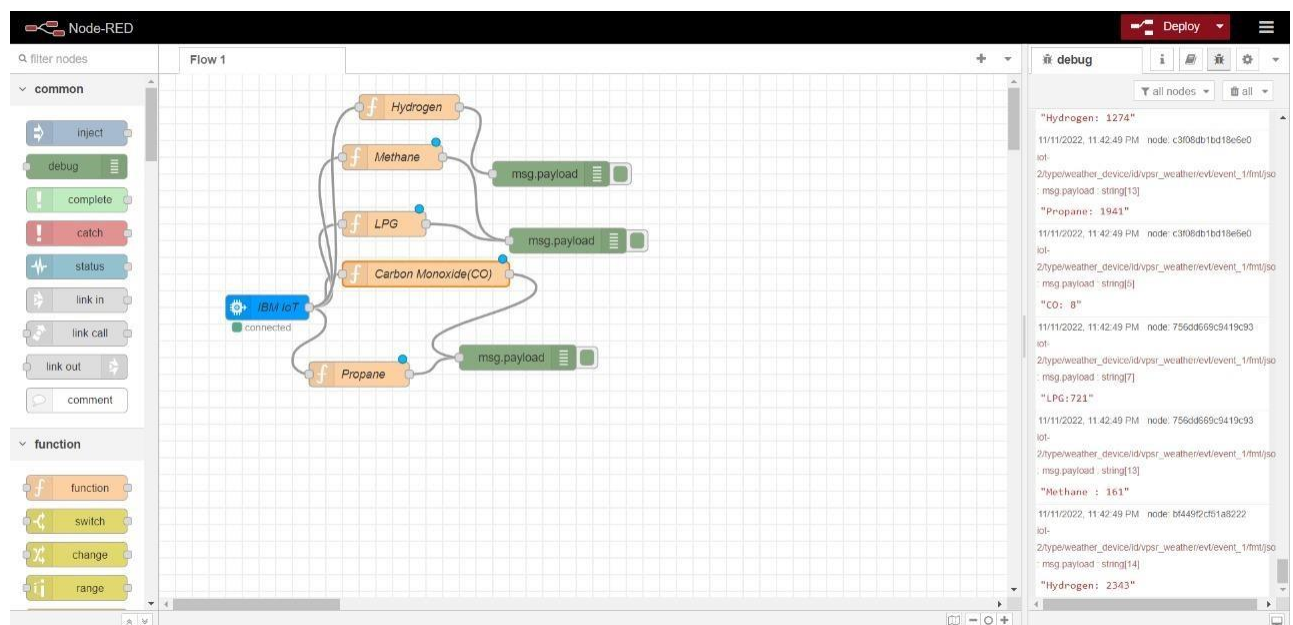
Activate Windows

Go to Settings to activate Windows

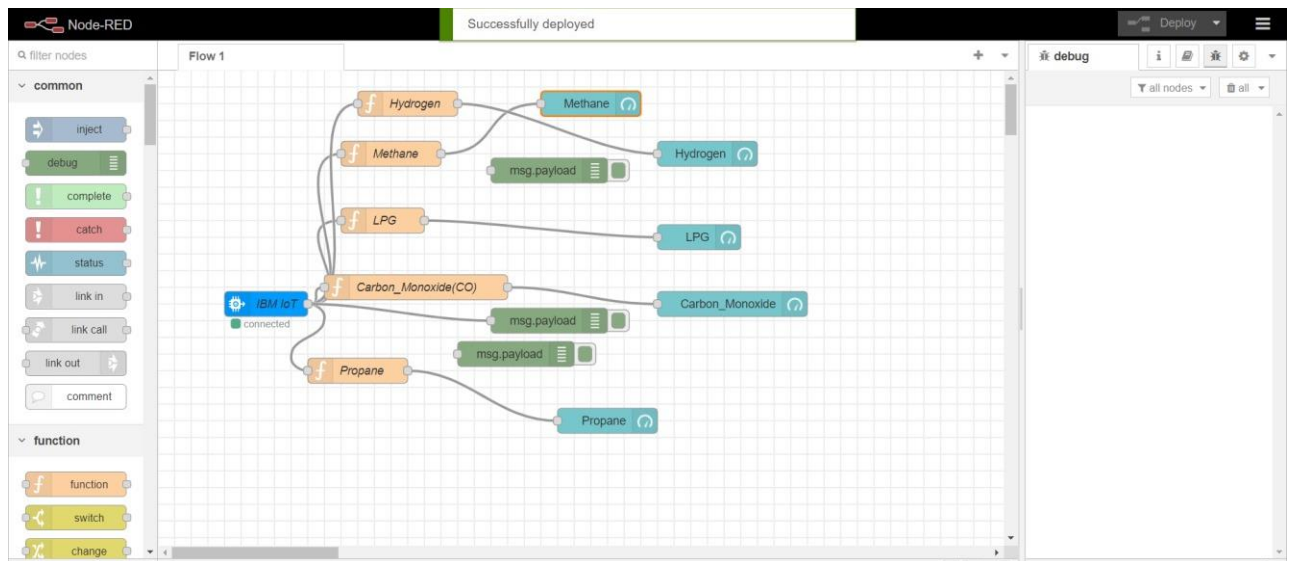
Step 6: Drag and drop the components into the editor



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.