

Create Node-RED Service

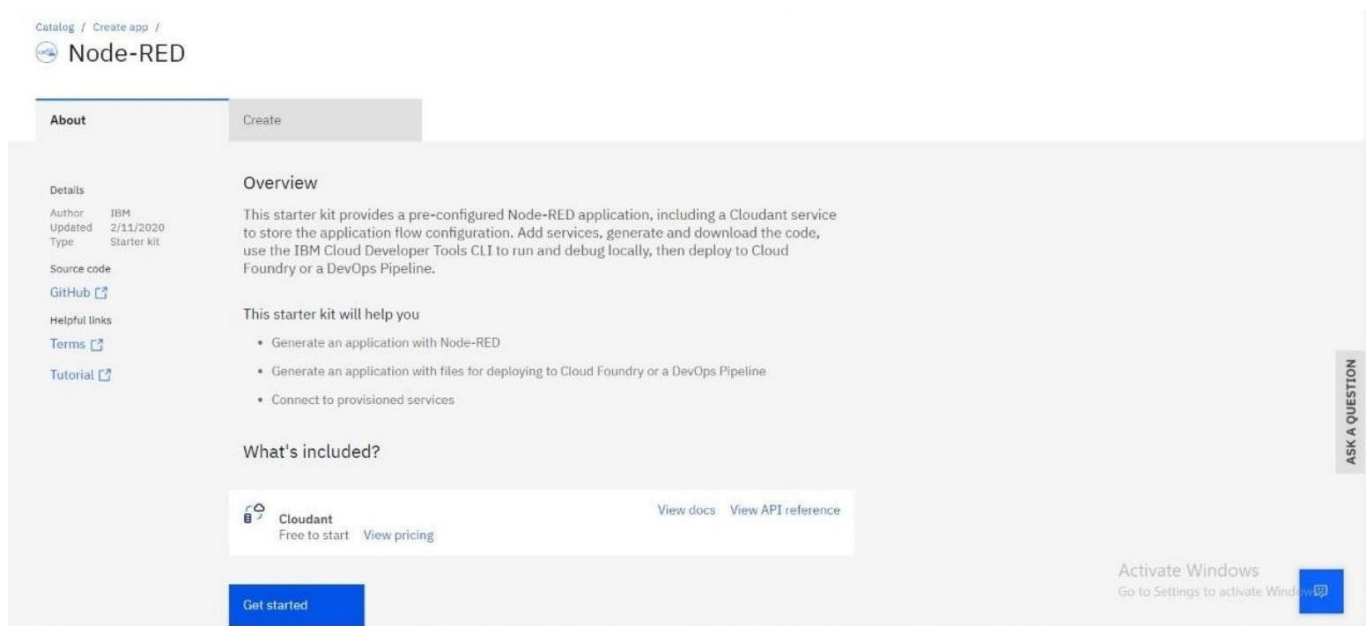
Date	9 NOVEMBER 2022
Team ID	PNT2022TMID05953
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

Aim:

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

Steps to be followed:

Step 1: Navigated to the App creation page.



The screenshot shows the 'Create app' page for Node-RED in the IBM Cloud Catalog. The page has a breadcrumb trail 'Catalog / Create app /' and a title 'Node-RED'. There are two tabs: 'About' (selected) and 'Create'. The 'About' tab contains a sidebar with 'Details', 'Source code', 'GitHub', 'Helpful links', 'Terms', and 'Tutorial'. The main content area has an 'Overview' section with a description of the starter kit, a list of things it will help you do (generate an application with Node-RED, generate files for deployment, and connect to services), and a 'What's included?' section featuring a 'Cloudant' service card with 'Free to start' and 'View pricing' options. A 'Get started' button is at the bottom left. On the right side, there is a vertical 'ASK A QUESTION' button and a Windows 'Activate Windows' watermark.

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: Frankfurt Resource group: Default

Pricing plan: node-red+dfci-2022--cloudant-1666683139018

[Pricing details](#) [Terms](#)

Cancel Create

Activate Windows
Go to Settings to activate Windows.

ASK A QUESTION

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

Resource list / App details / Node RED QHNJV 2022-10-26 Add tags

Actions...

Details

App URL

Source Download code

Resource group: Default

Deployment target: You must deploy your app first

Created: 10/26/2022

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. [Go to Settings to activate Windows](#)
5. If you make any changes to your app, be

ASK A QUESTION

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

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

IBM Cloud API key

Number of Instances

Memory allocation per Instance

Region

Organization

Space

Host

Domain

Cancel

Next

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

Steps

Select the number of instances, memory allocation, **region**, **org**, and **space**.

Select the **domain** and provide a **host** name.

256

node-red-qlnjv-2022-10-26

No domain available

Activate Windows

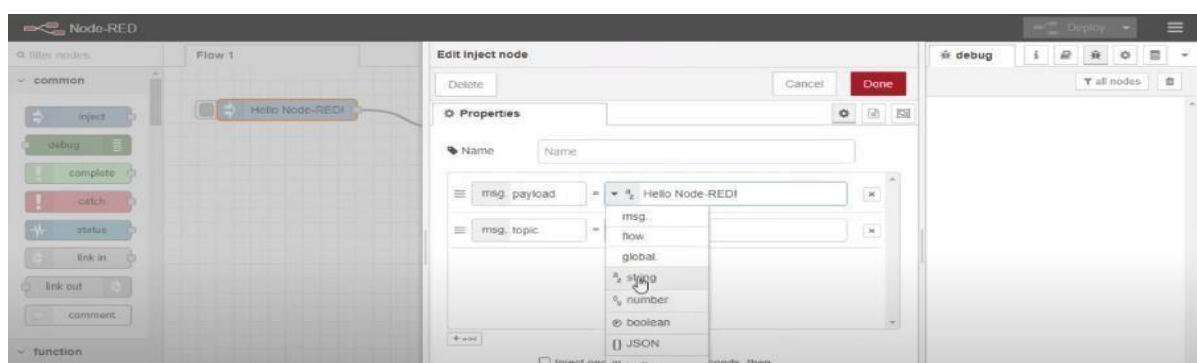
Go to Settings to activate Windows

Step 5: Successfully deployed the app.

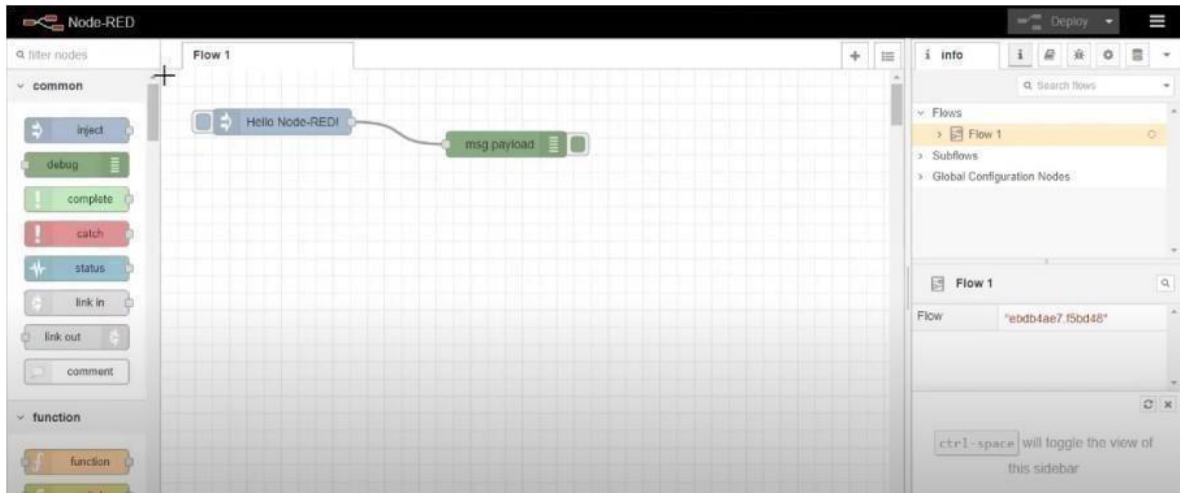
Delivery Pipelines

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.