

Create Node-RED Service

Date	10 NOVEMBER 2022
Team ID	PNT2022TMID21596
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 IBM Cloud 'Create app' page for Node-RED. The page is divided into two main sections: 'About' and 'Create'. The 'About' section is currently selected and displays the following information:

- Details:**
 - Author: IBM
 - Updated: 2/11/2020
 - Type: Starter kit
- Source code:**
 - GitHub
- Helpful links:**
 - Terms
 - Tutorial
- Overview:**

This starter kit provides a pre-configured Node-RED application, including a Cloudant service to store the application flow configuration. Add services, generate and download the code, use the IBM Cloud Developer Tools CLI to run and debug locally, then deploy to Cloud Foundry or a DevOps Pipeline.

This starter kit will help you

 - Generate an application with Node-RED
 - Generate an application with files for deploying to Cloud Foundry or a DevOps Pipeline
 - Connect to provisioned services

What's included?

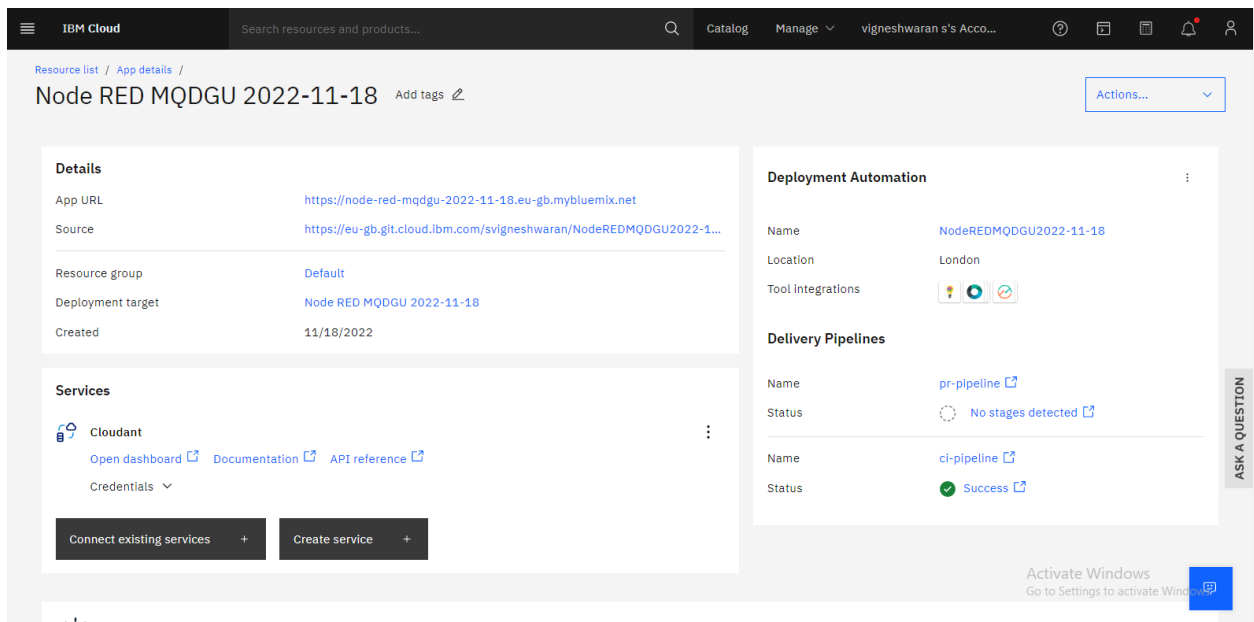
Cloudant
Free to start [View pricing](#)

[View docs](#) [View API reference](#)

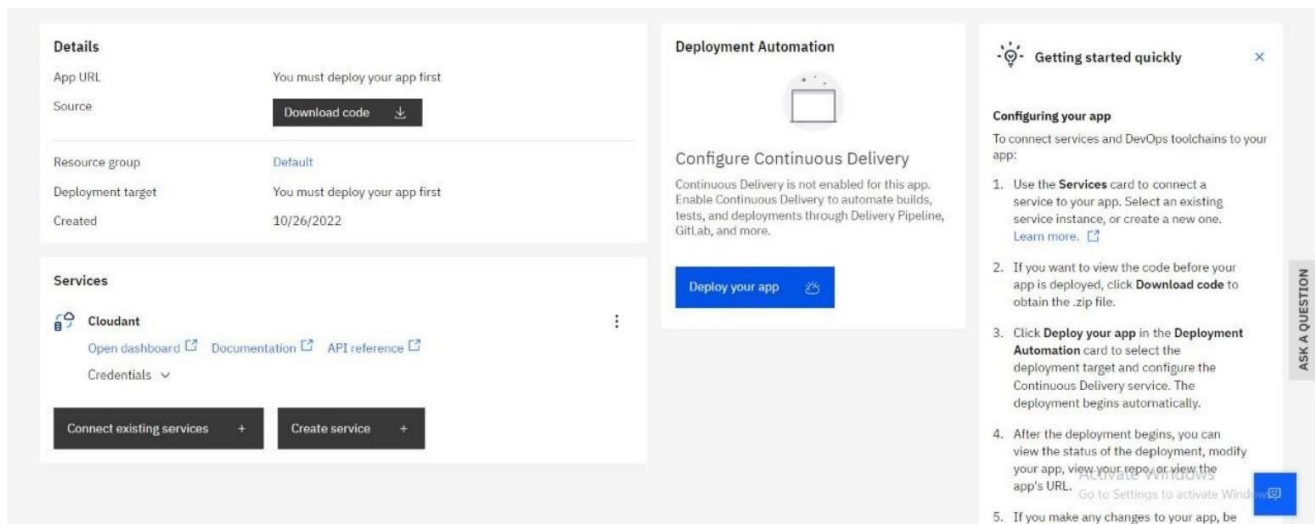
[Get started](#)

The 'Create' tab is also visible, but its content is not shown in the screenshot. At the bottom right, there is a 'Activate Windows' watermark.

Step 2: Entered project details and clicked on create



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



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

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

IBM Cloud API key

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New

Number of instances

1

Memory allocation per instance

64 MB

2000 MB

256

Region

Organizations

Space

Host

node-red-qhny-2022-10-26

Domain

No domain available

Cancel

Next

Foundry org, you must create one. [Create org](#)

Steps

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

2. Select the domain and provide a host name.

ASK A QUESTION

Activate Windows

Go to Settings to activate Windows

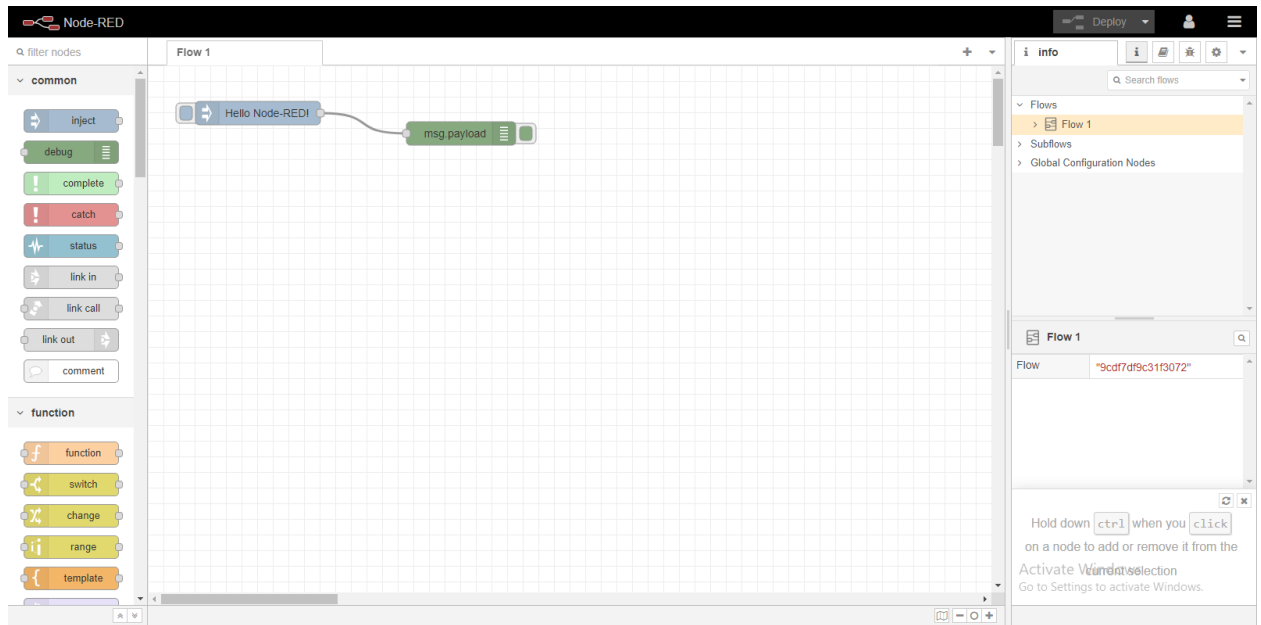
Step 5: Successfully deployed the app.

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.