

# Create Node-RED Service

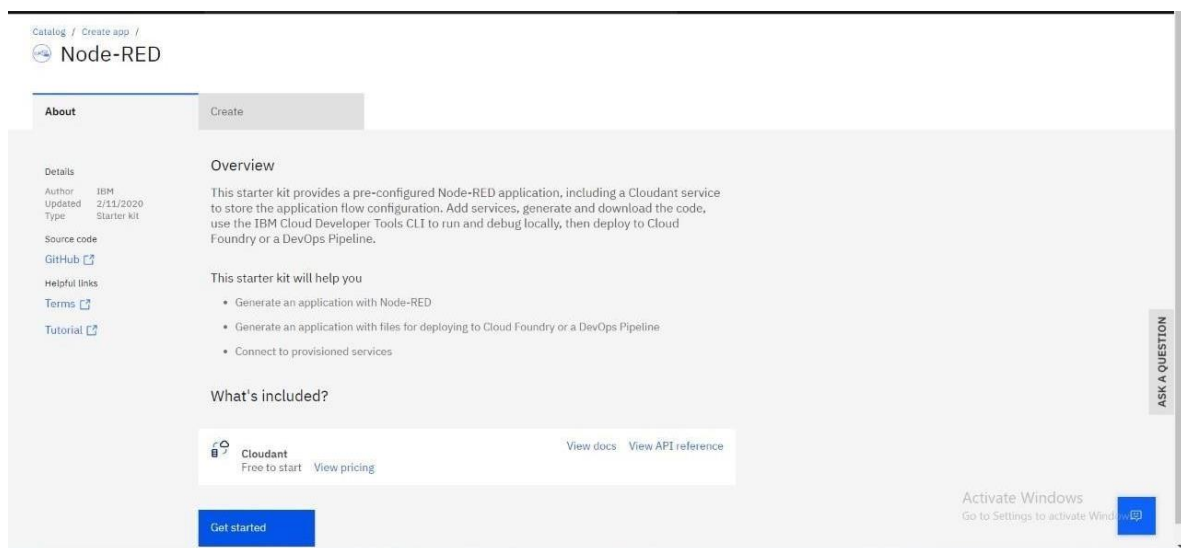
Date	26 October 2022
Team ID	PNT2022TMID01909
Project Name	Gas leakage monitoring and alerting system for industries

## Aim:

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

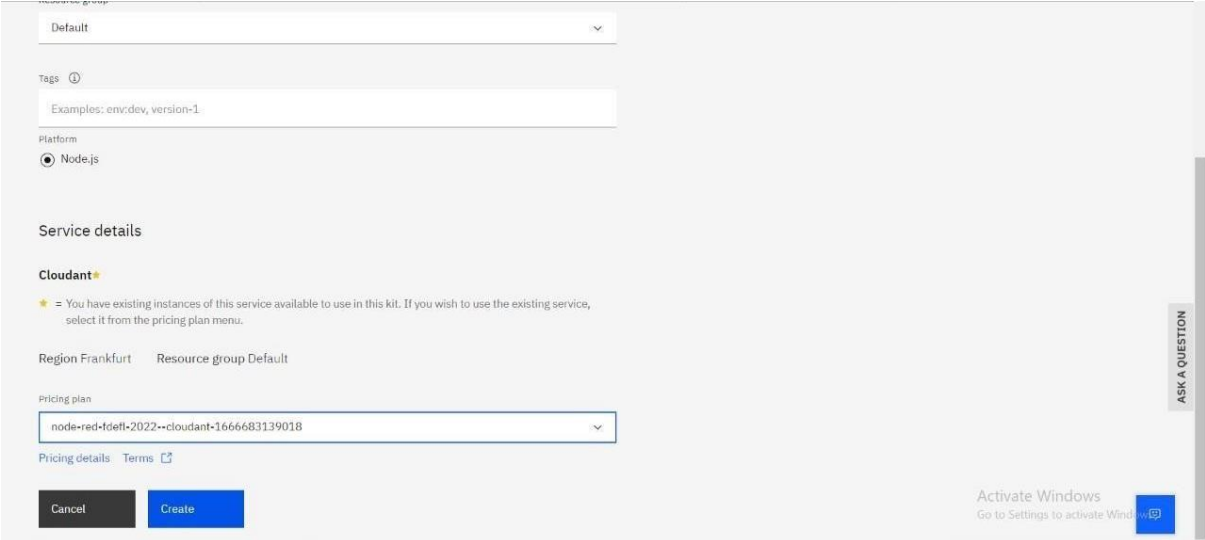
## Steps to be followed

Step 1: Navigated to the App creation page.



## Step

2: Entered project details and clicked on create.



The screenshot shows the 'Create new resource' page in the Azure portal for the Cloudant service. The 'Resource group' is set to 'Default'. The 'Tags' field is empty, with examples like 'env:dev, version:1'. The 'Platform' is set to 'Node.js'. Under 'Service details', the 'Cloudant' service is selected, with a note indicating that existing instances can be used. The 'Region' is 'Frankfurt' and the 'Resource group' is 'Default'. The 'Pricing plan' dropdown is set to 'node-red-fdef-2022--cloudant-1666683139018'. At the bottom, there are 'Cancel' and 'Create' buttons. An 'Activate Windows' watermark is visible in the bottom right corner.

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-fdef-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.

## Step

The screenshot displays the IBM Cloud DevOps console for an application named 'Node RED QHNJV 2022-10-26'. The top navigation bar shows 'Resource list / App details /' and 'Add tags'. The main content area is divided into several panels:

- Details:** A table showing app information. The 'App URL' and 'Source' fields are present, with a 'Download code' button. The 'Resource group' is 'Default', and the 'Deployment target' is 'You must deploy your app first'. The 'Created' date is '10/26/2022'.
- Services:** A section for managing services. It includes a 'Cloudant' service with links for 'Open dashboard', 'Documentation', and 'API reference'. There are buttons for 'Connect existing services' and 'Create service'.
- Deployment Automation:** A section for configuring continuous delivery. It states 'Continuous Delivery is not enabled for this app' and provides a 'Deploy your app' button.
- Getting started quickly:** A sidebar guide with five steps for configuring the app, connecting services, and deploying.

4: Setting up the environment and deploying 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

The screenshot displays the IBM Cloud Foundry console interface for configuring a new application. At the top, a dark banner states "IBM Cloud Foundry Public is deprecated." with a "Learn more" link. Below this, the "IBM Cloud API key" is shown as a masked field with a "New +" button. The "Number of instances" is set to 1. The "Memory allocation per instance" is shown as a slider from 64 MB to 2000 MB, with a value of 256 MB selected. The "Region", "Organization", and "Space" are each shown as a dropdown menu. The "Host" field contains "node-red-qhnyv-2022-10-26", and the "Domain" field shows "No domain available". At the bottom, there are "Cancel" and "Next" buttons. On the right side, a sidebar contains a "Steps" section with two instructions: "1. Select the number of instances, memory allocation, **region**, **org**, and **space**." and "2. Select the **domain** and provide a **host** name." Below the steps is an "ASK A QUESTION" button. At the bottom right, there is an "Activate Windows" watermark and a "Go to Settings to activate Windows" link.

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

IBM Cloud API key

Number of instances

Memory allocation per instance

64 MB 2000 MB 256

Region Organization Space

Host Domain

node-red-qhnyv-2022-10-26 No domain available

Cancel Next

Steps

- 1. Select the number of instances, memory allocation, **region**, **org**, and **space**.
- 2. Select the **domain** and provide a **host** name.

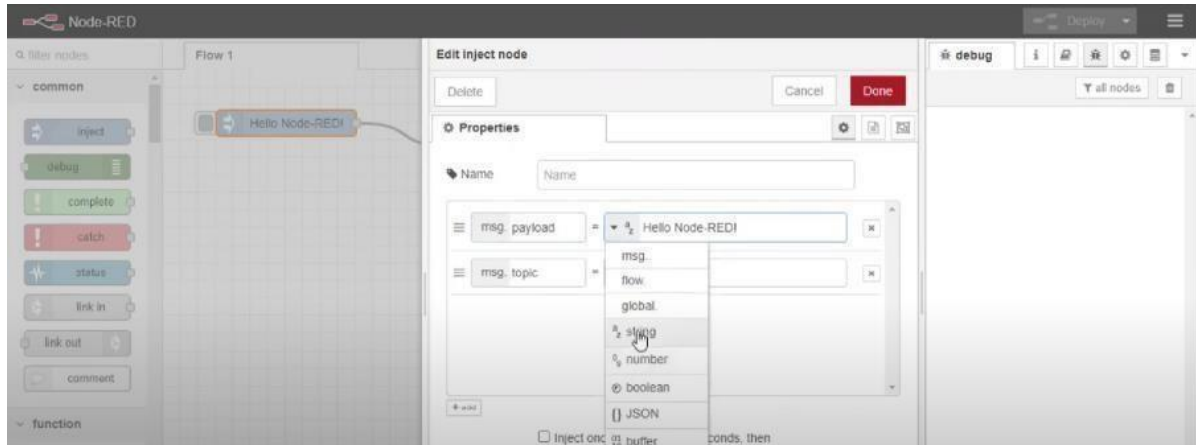
ASK A QUESTION

Activate Windows  
Go to Settings to activate Windows

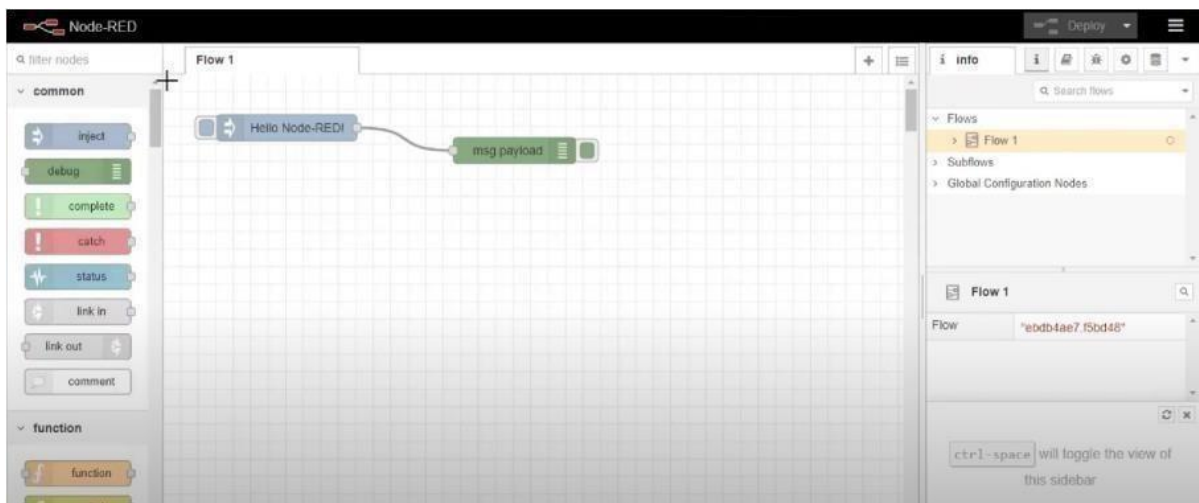
Step 5: Successfully deployed the app.

## 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.