

# Create Node-RED Service

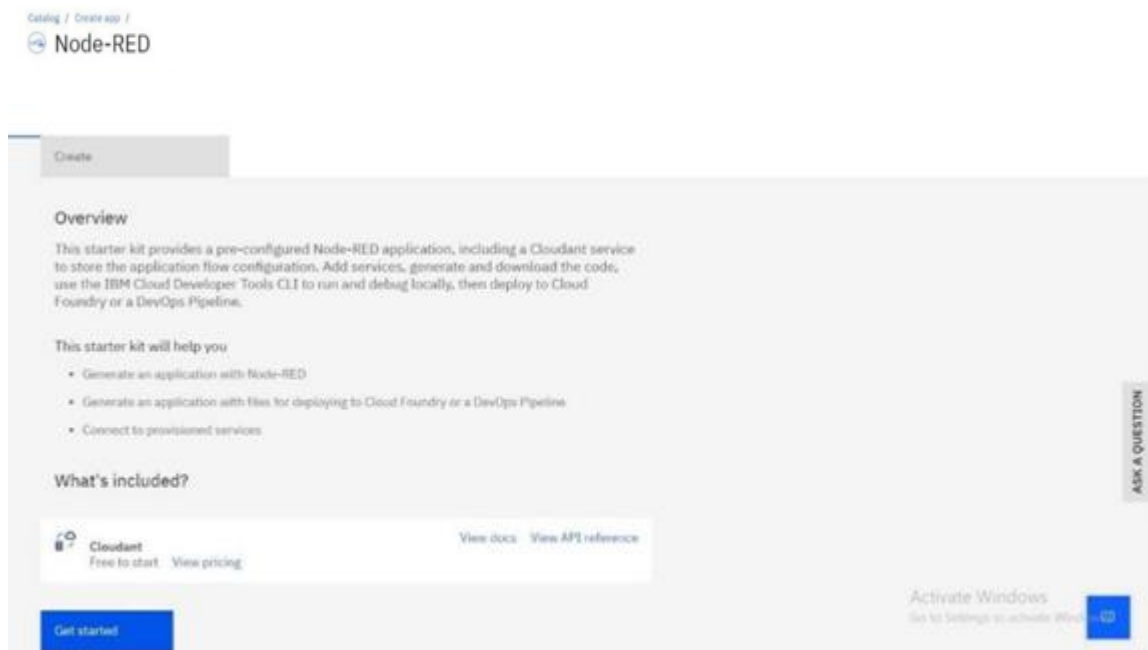
Date	3 NOVEMBER 2022
Team ID	PNT2022TMID42716
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

## 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

This screenshot shows the 'Create' page for a new web app in the Azure portal. The 'Resource group' is set to 'Default'. The 'Tags' field has placeholder text 'Examples: env;dev, version-1'. The 'Platform' is set to 'Node.js'. Under 'Service details', the 'Cloudant' service is selected. A note indicates that existing instances can be used. The 'Region' is 'Frankfurt' and the 'Resource group' is 'Default'. The 'Pricing plan' is set to 'node-red+def1-2022--cloudant-1666683139018'. There are 'Cancel' and 'Create' buttons at the bottom. An 'Activate Windows' watermark is visible in the bottom right corner.

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

This screenshot shows the 'App details' page for a Node.js web app. The title is 'Node RED QHNJV 2022-10-26'. The 'Details' section shows 'App URL' (with a message 'You must deploy your app first'), 'Source' (with a 'Download code' button), 'Resource group' (set to 'Default'), 'Deployment target' (with a message 'You must deploy your app first'), and 'Created' (10/26/2022). The 'Services' section shows 'Cloudant' with links to 'Open dashboard', 'Documentation', and 'API reference', and a 'Credentials' dropdown. There are 'Connect existing services' and 'Create service' buttons. The 'Deployment Automation' section has a 'Deploy your app' button. A 'Getting started quickly' sidebar on the right provides a 5-step guide for configuring the app. An 'Activate Windows' watermark is visible in the bottom right corner.

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

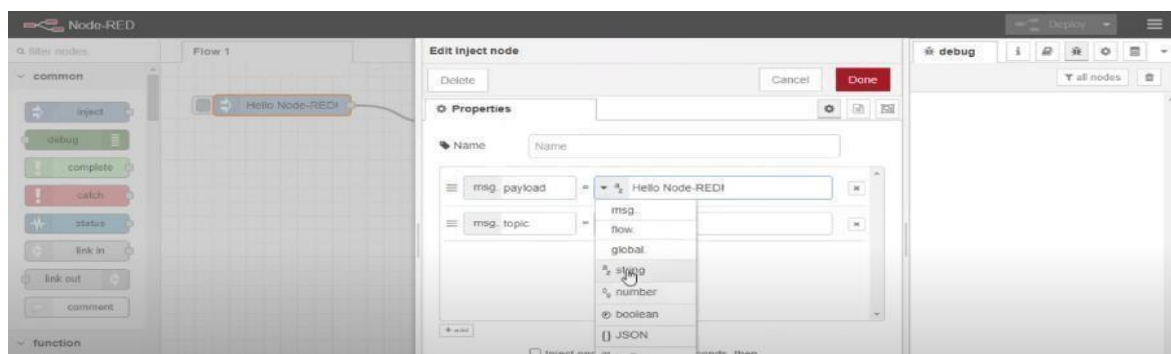
The screenshot shows the IBM Cloud Foundry deployment configuration interface. At the top, there is a notification banner stating "IBM Cloud Foundry Public is deprecated." with a "Learn more" link. Below this, the "IBM Cloud API key" is entered in a text field, followed by a "New +" button. The "Number 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 in a dropdown menu. The "Host" field contains "node-red-qhny-2022-10-26" and the "Domain" field shows "No domain available". At the bottom, there are "Cancel" and "Next" buttons. On the right side, there is a "Steps" section with two steps: "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.

Step 5: Successfully deployed the app.

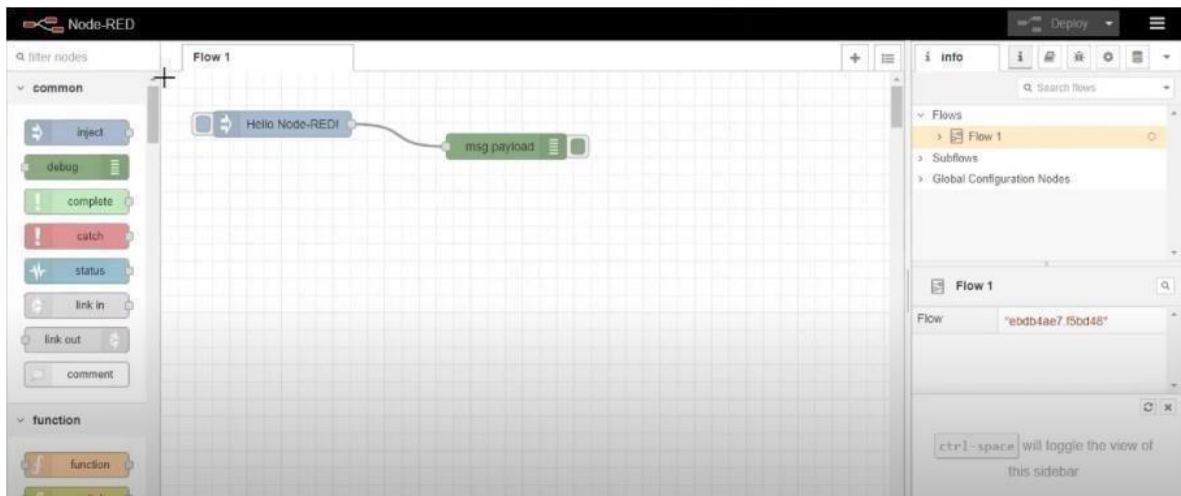
## Delivery Pipelines

Name	ci-pipeline <a href="#">↗</a>
Status	<span>✓</span> Success <a href="#">↗</a>
Last input	Last commit by IBM Cloud DevOps Services (7 minutes ago) <a href="#">Clone from zip</a> <a href="#">↗</a>

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.