

# Create Node-RED Service

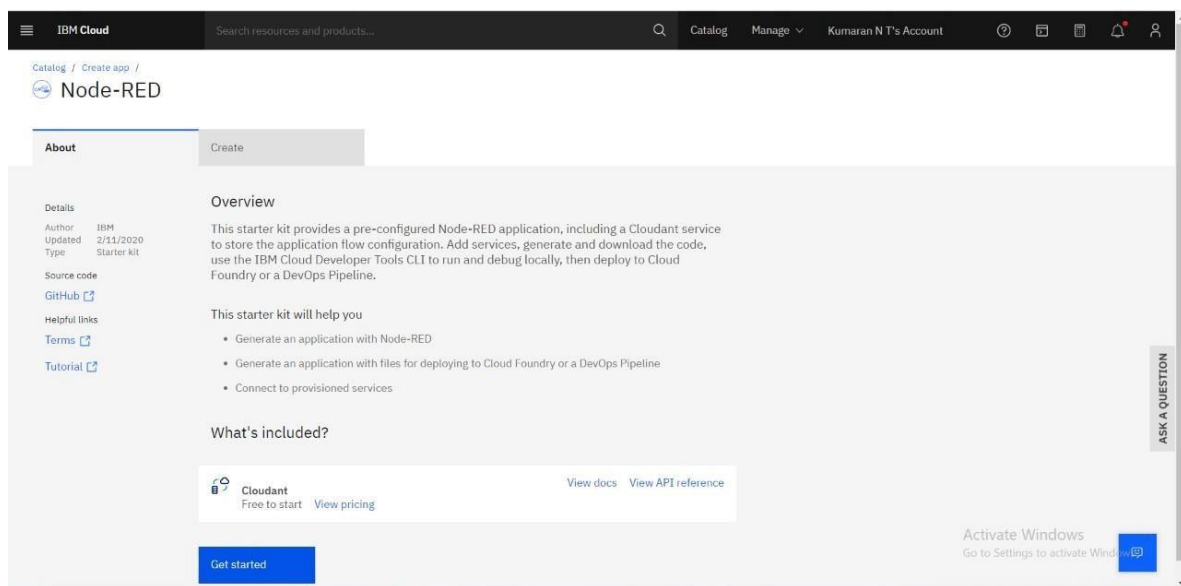
Date	26 October 2022
Team ID	PNT2022TMID04619
Project Name	Gas leakage monitoring and alerting system for industries

## 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 IBM Cloud console interface for creating a new service. The top navigation bar includes the IBM Cloud logo, a search bar, and user account information. The main content area is titled 'Default' and shows the 'Tags' section with a search bar and examples. The 'Platform' section is set to 'Node.js'. The 'Service details' section shows 'Cloudant' as the selected service. The 'Region' is set to 'Frankfurt' and the 'Resource group' is 'Default'. The 'Pricing plan' is set to 'node-red-ideft-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.

The screenshot shows the IBM Cloud console interface for the 'Node RED QHNJV 2022-10-26' service. The top navigation bar includes the IBM Cloud logo, a search bar, and user account information. The main content area is titled 'Node RED QHNJV 2022-10-26' and shows the 'Details' section with fields for 'App URL', 'Source', 'Resource group', 'Deployment target', and 'Created'. The 'Source' field has a 'Download code' button. The 'Services' section shows 'Cloudant' as the selected service. There are 'Connect existing services' and 'Create service' buttons. The 'Deployment Automation' section shows a 'Deploy your app' button. The 'Getting started quickly' section provides instructions 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.

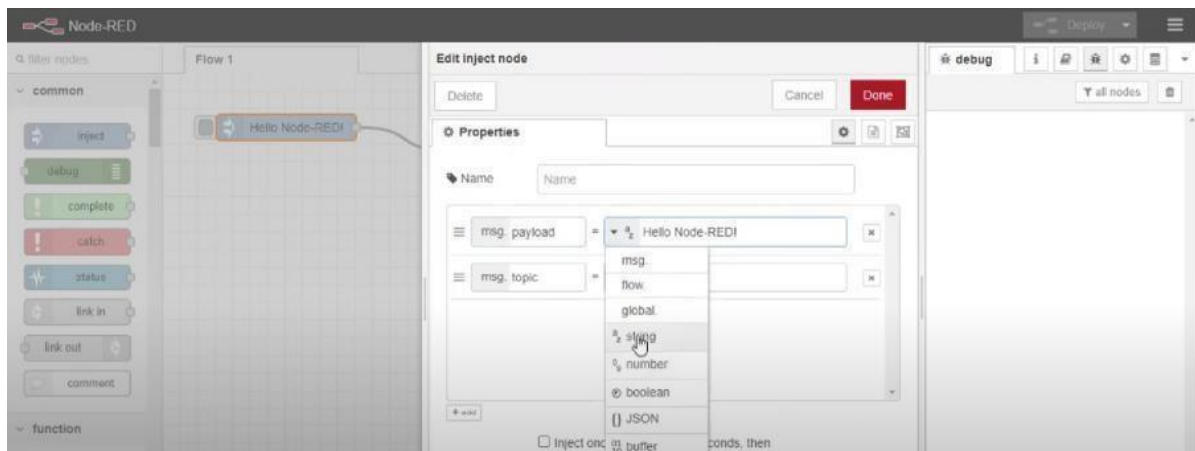
The screenshot shows the IBM Cloud Foundry console interface. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and user information. A notification banner at the top states "IBM Cloud Foundry Public is deprecated." Below this, the "New" button is visible. The main configuration area includes fields for "IBM Cloud API key", "Number of instances" (set to 1), "Memory allocation per instance" (set to 256 MB), "Region", "Organization", "Space", "Host" (set to node-red-qhnpj-2022-10-26), and "Domain" (set to No domain available). A "Steps" sidebar on the right provides instructions: 1. Select the number of instances, memory allocation, region, org, and space. 2. Select the domain and provide a host name. At the bottom, there are "Cancel" and "Next" buttons. An "Activate Windows" watermark is visible in the bottom right corner.

## Step 5: Successfully deployed the app.

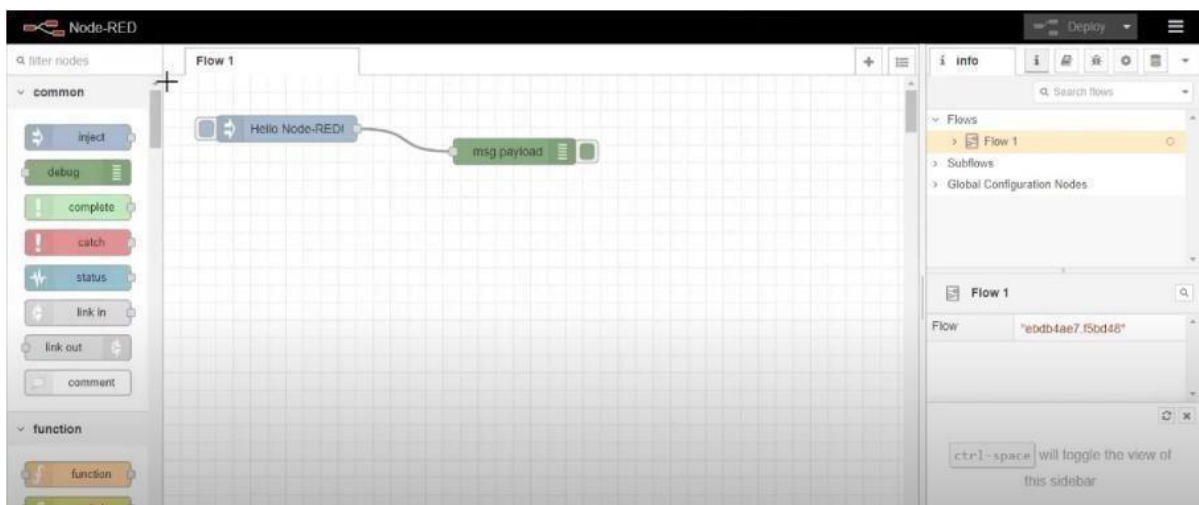
### Delivery Pipelines

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.