

# Create Node-RED Service

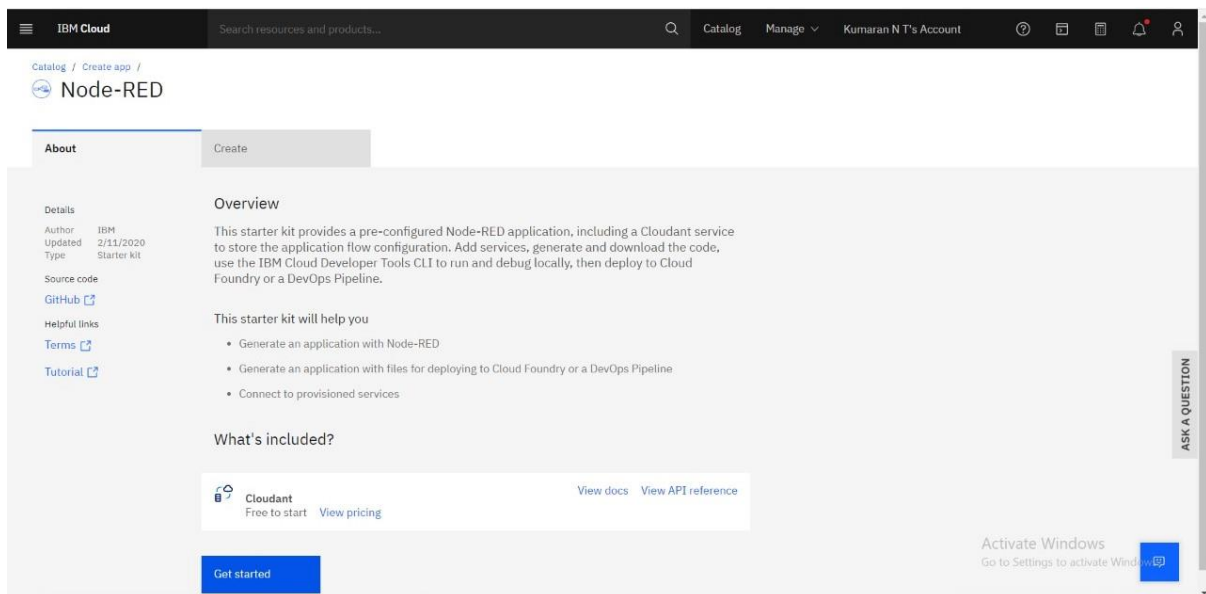
Date	26 October 2022
Team ID	PNT2022TMID27071
Project Name	Gas leakage monitoring and alerting system for industries

## 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 text input field containing 'Examples: env:dev, version:1'. The 'Platform' section has 'Node.js' selected. The 'Service details' section includes a note about existing instances, the 'Region' set to 'Frankfurt', and the 'Resource group' set to 'Default'. The 'Pricing plan' section shows a dropdown menu with the selected plan 'node-red-ideft-2022--cloudant-1666683139018'. At the bottom, there are 'Cancel' and 'Create' buttons. 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 a specific application, 'Node RED QHNJV 2022-10-26'. The top navigation bar is the same as in the previous screenshot. The main content area is divided into several sections. On the left, the 'Details' section shows the 'App URL' and 'Source' (with a 'Download code' button). Below this, the 'Services' section shows a list of services, including 'Cloudant', with links to 'Open dashboard', 'Documentation', and 'API reference'. In the center, the 'Deployment Automation' section has a 'Deploy your app' button. On the right, the 'Getting started quickly' section provides a list of steps 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.

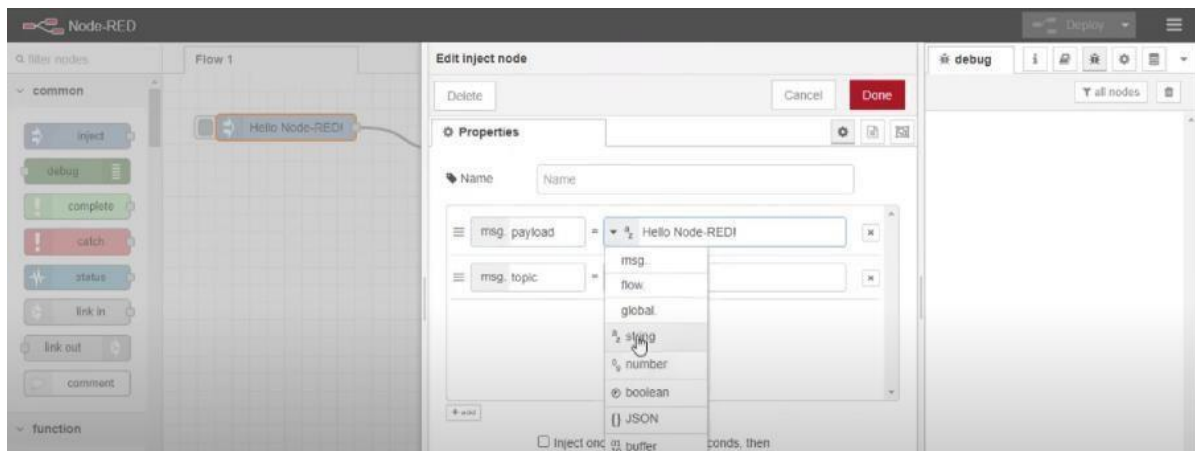
The screenshot shows the IBM Cloud Foundry console interface. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and user account information. A notification banner at the top left states "IBM Cloud Foundry Public is deprecated." Below this, the main configuration area includes fields for the IBM Cloud API key, the number of instances (set to 1), and a memory allocation slider (set to 256 MB). There are also dropdown menus for Region, Organization, and Space. The Host field is populated with "node-red-qhnpj-2022-10-26", and the Domain field shows "No domain available". At the bottom, there are "Cancel" and "Next" buttons. A sidebar on the right contains a "ASK A QUESTION" button. A modal window on the right side provides instructions: "If your account doesn't have a Cloud Foundry org, you must create one. Create org." and lists two steps: "1. Select the number of instances, memory allocation, region, org, and space." and "2. Select the domain and provide a host name."

## Step 5: Successfully deployed the app.

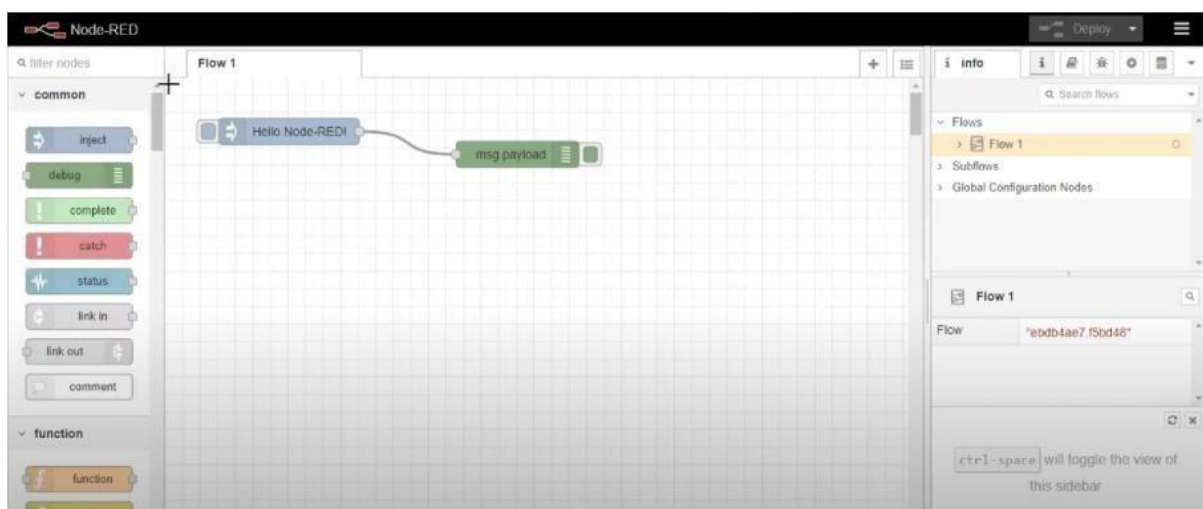
### Delivery Pipelines

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.