

Create Node-RED Service

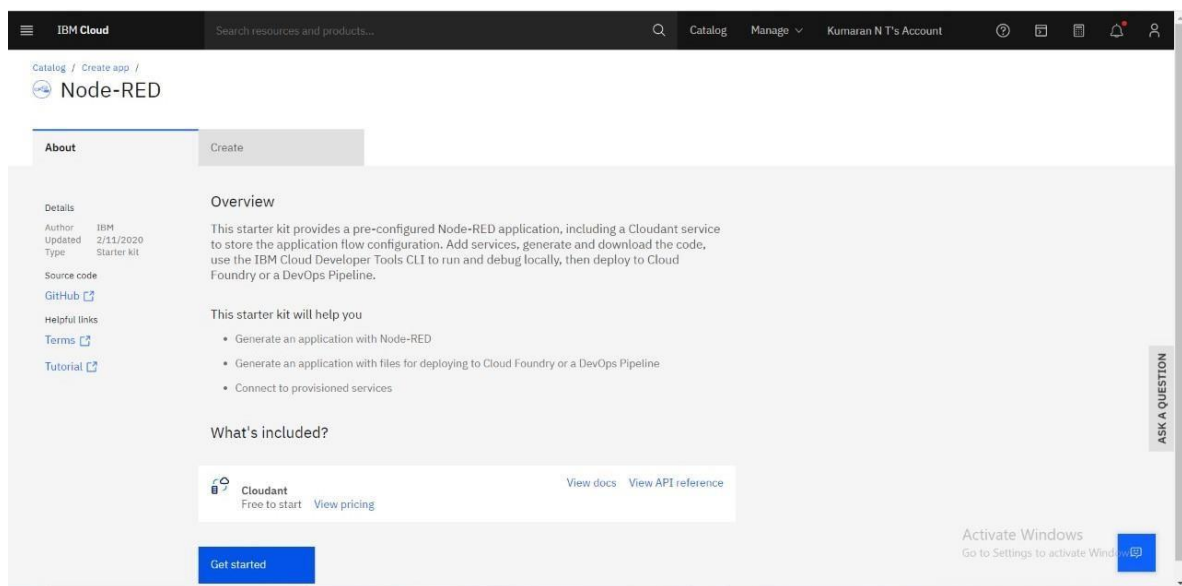
Team ID	PNT2022TMID28961
Project Name	Gas leakage monitoring and alerting system for industries

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. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and user account information. Below the navigation bar, the 'Default' resource group is selected. The 'Tags' section has a text input with examples: 'env:dev, version:1'. The 'Platform' section has 'Node.js' selected. The 'Service details' section shows 'Cloudant' as the selected service. Below this, the 'Region' is 'Frankfurt' and the 'Resource group' is '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 the 'Node RED QHNJV 2022-10-26' service. The 'Details' section shows the 'App URL' as 'You must deploy your app first' and the 'Source' as 'Download code'. The 'Resource group' is 'Default', the 'Deployment target' is 'You must deploy your app first', and the 'Created' date is '10/26/2022'. The 'Services' section shows 'Cloudant' as the selected service, with links for 'Open dashboard', 'Documentation', and 'API reference'. Below this, 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 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 'IBM Cloud', a search bar, and user account information. A notification banner at the top states 'IBM Cloud Foundry Public is deprecated'. The main configuration area includes fields for 'IBM Cloud API key', 'Number of instances' (set to 1), 'Memory allocation per instance' (a slider from 64 MB to 2000 MB, currently at 256 MB), and dropdowns for 'Region', 'Organization', and 'Space'. Below these are fields for 'Host' (containing 'node-red-qhnpj-2022-10-26') and 'Domain' (showing 'No domain available'). A 'New' button is visible. A sidebar on the right contains a 'ASK A QUESTION' button. A 'Steps' panel on the right lists instructions for creating a new organization and selecting resources.

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-qhnpj-2022-10-26 No domain available

Cancel Next

ASK A QUESTION

Steps

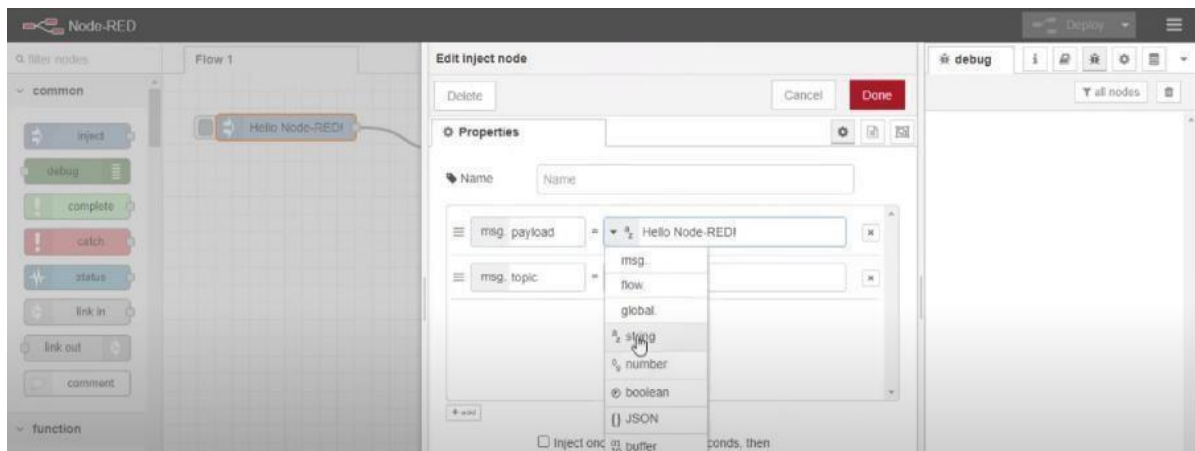
- If your account doesn't have a Cloud Foundry org, you must create one. [Create org.](#)
- 1. Select the number of instances, memory allocation, **region**, **org**, and **space**.
- 2. Select the **domain** and provide a **host** name.

Step 5: Successfully deployed the app.

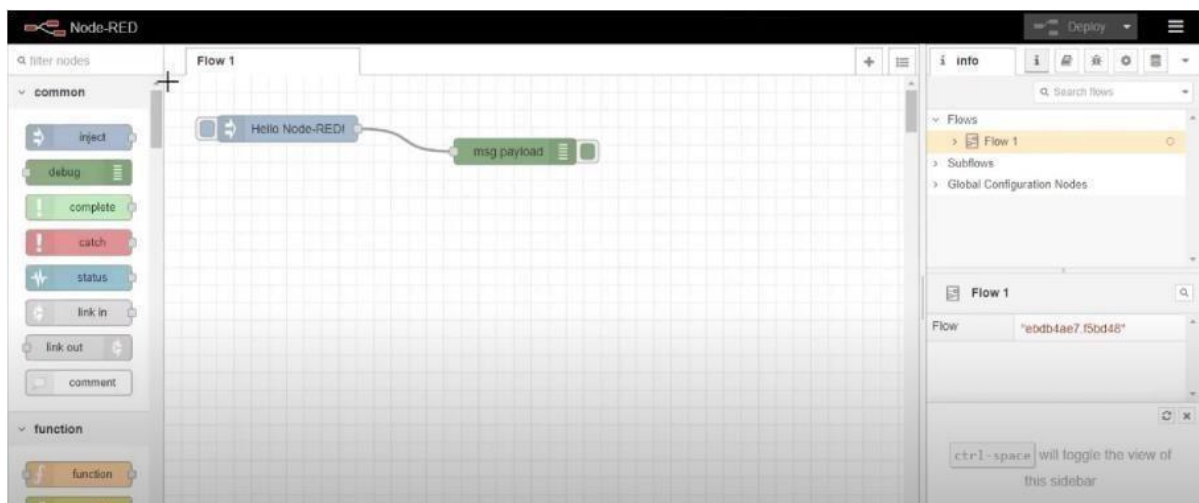
Delivery Pipelines

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.