

Create Node-RED Service

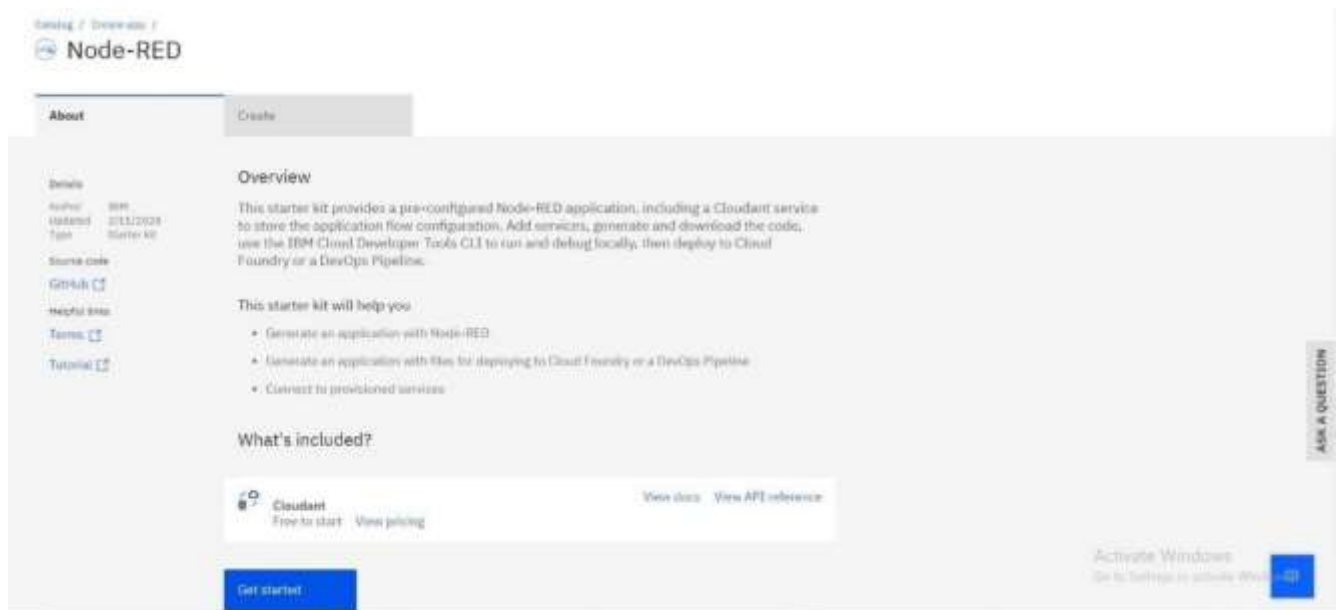
Date	5 NOVEMBER 2022
Team ID	PNT2022TMID39619
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

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 new' page in the Azure portal for a Node.js web app. The 'App' dropdown is set to 'Node.js'. The 'Service details' section shows the 'Cloudant' service. A note indicates that existing instances are available in the list. The 'Region' is set to 'Frankfurt' and the 'Resource group' is 'Default'. The 'Pricing plan' dropdown shows 'node-red4def1-2022--cloudant-1666662129018'. At the bottom, there are 'Cancel' and 'Create' buttons. An 'Activate Windows' watermark is visible in the bottom right corner.

Default

App: Node.js

Examples: nodejs, windows

Platform: Node.js

Service details

Cloudant

You have existing instances of this service available to use in this list. If you wish to use the existing service, select it from the pricing plan menu.

Region: Frankfurt Resource group: Default

Pricing plan: node-red4def1-2022--cloudant-1666662129018

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.

This screenshot shows the 'App details' page in the Azure portal for a Node.js web app. The page title is 'Node RED QHNJV 2022-10-26'. The 'Details' section shows the 'App URL' and 'Source' (Download code). The 'Services' section shows the 'Cloudant' service. The 'Deployment Automation' section has a 'Deploy your app' button. A 'Getting started quickly' sidebar is on the right with a list of steps. An 'Activate Windows' watermark is visible in the bottom right corner.

Resource ID: / App details

Node RED QHNJV 2022-10-26 Add tags

Details

App URL: You must deploy your app first

Source: Download code

Resource group: Default

Deployment target: You must deploy your app first

Created: 10/26/2022

Services

Cloudant

Open dashboard Documentation API reference

Cloudant tools

Connect existing service Create service

Deployment Automation

Configure Continuous Delivery

Continuous Delivery is not enabled for this app. Enable Continuous Delivery to automate builds, tests, and deployments through Delivery Pipelines, GitHub, and more.

Deploy your app

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)
2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
4. After the deployment begins, you can view the status of the deployment, modify your app, view logs, or view the app's URL.
5. If you make any changes to your app, be

ASK A QUESTION

Activate Windows
Go to Settings to activate Windows

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

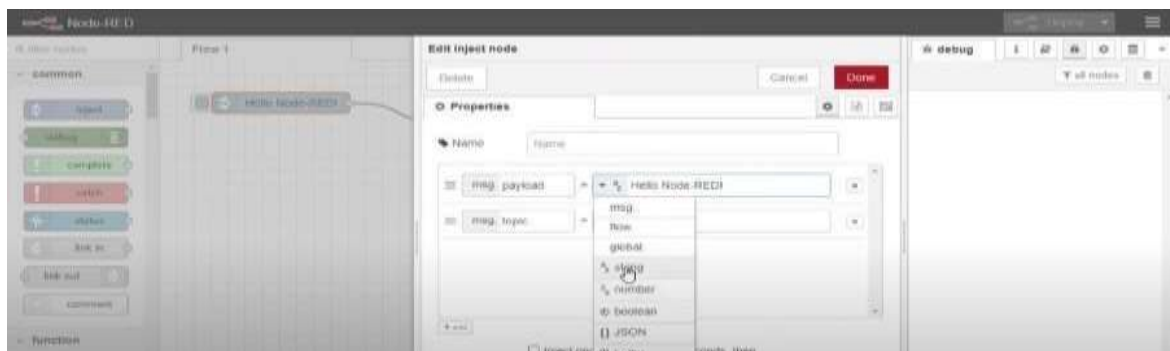
The screenshot shows the IBM Cloud Foundry console interface for configuring a new application. At the top, there is a notification banner stating "IBM Cloud Foundry Public is deprecated." Below this, the "CF API key" field is visible. The "Number of instances" is set to 1. The "Memory allocation per instance" is shown as a slider between 64 MB and 2048 MB, currently set at 256 MB. The "Region" is set to "us-south" and the "Space" is set to "default". The "Host" field contains "node-red-helm-2022-10-26". A "New" button is located at the bottom right. On the right side, a sidebar contains a "Steps" section with 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.

Step 5: Successfully deployed the app.

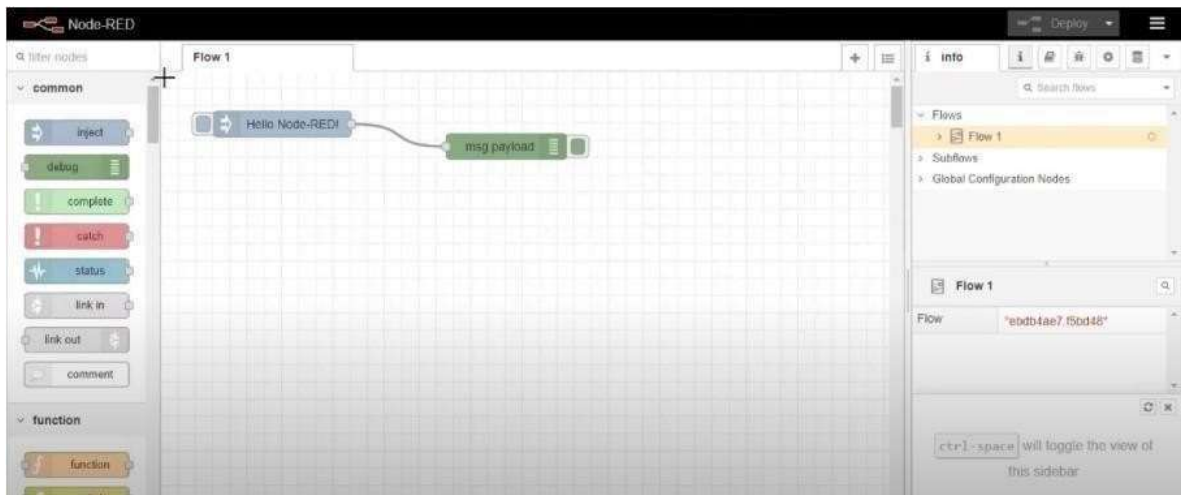
Delivery Pipelines

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.