

Create Node-RED Service

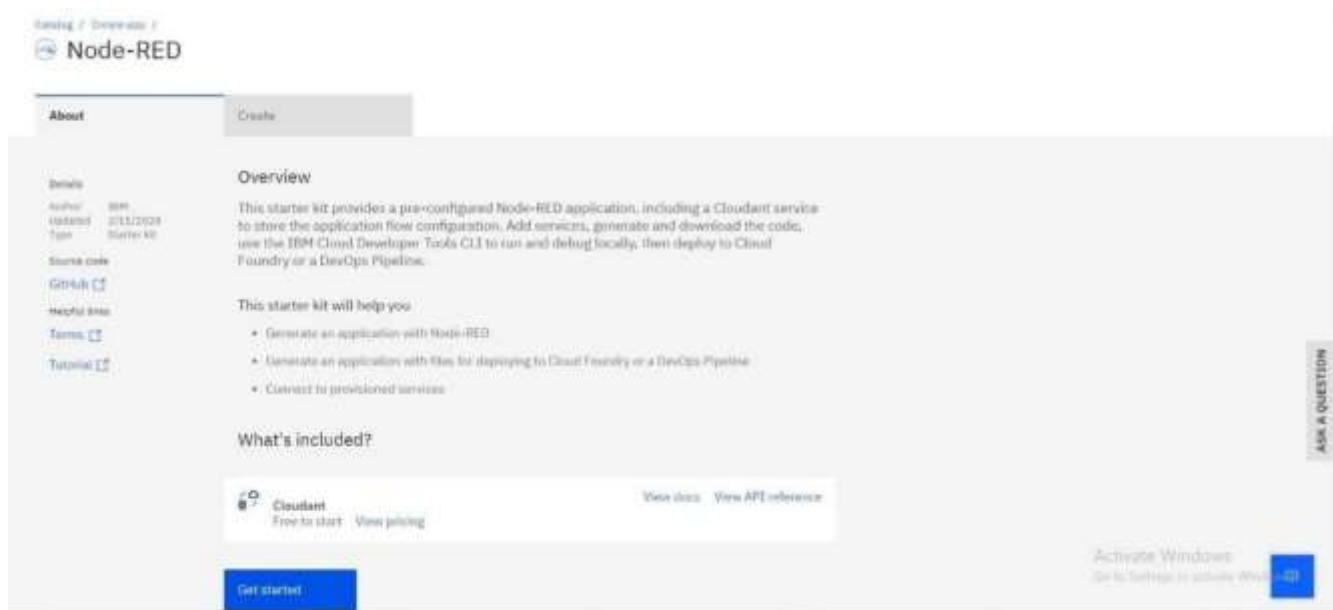
Date	3 NOVEMBER 2022
Team ID	PNT2022TMID39661
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

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 application. The 'App ID' field is empty, with examples like 'reactjs' and 'wordpress' provided. The 'Platform' is set to 'Node.js'. Under 'Service details', the 'Cloudant' service is selected. A note indicates that existing instances of this service are available for use. 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.

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

This screenshot shows the 'App details' page for a Node.js application named 'Node RED QHNJV 2022-10-26'. The page is divided into several sections: 'Details' (showing App URL, Source, Resource group, Deployment target, and Created date), 'Services' (showing the 'Cloudant' service with links to Open dashboard, Documentation, and API reference), 'Deployment Automation' (with a 'Deploy your app' button), and 'Getting started quickly' (a list of steps for configuring the app). A 'Download code' button is also present in the 'Source' section. An 'ASK A QUESTION' button is visible on the right side.

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

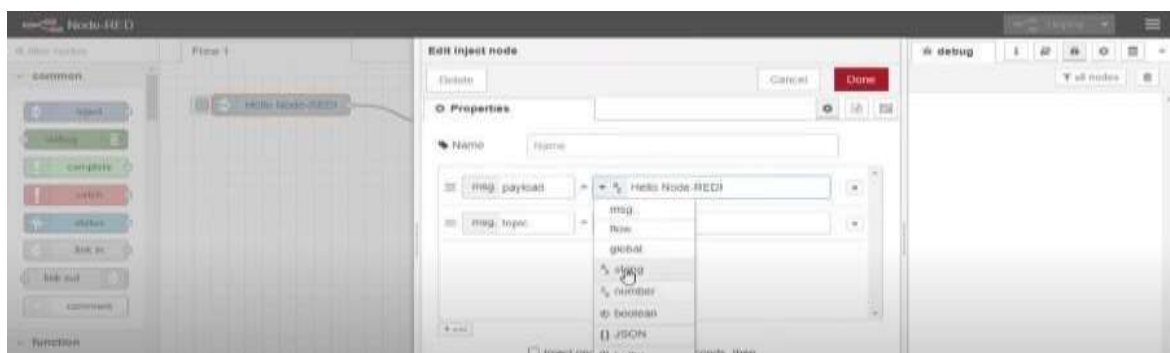
The screenshot shows the IBM Cloud Foundry console interface for configuring a new application. At the top, there is a notification banner stating "IBM Cloud Foundry Public is deprecated." Below this, the "CF API key" field is visible. The "Number of instances" is set to 1. The "Memory allocation per instance" is shown as a slider between 64 MB and 2048 MB, currently set at 256 MB. The "Region" is set to "us-south", "Organization" is "myorg", and "Space" is "space". The "Host" field contains "node-red-hqjn-2022-10-26". A "Domain" dropdown shows "No domain available". On the right, a sidebar contains instructions: "If your account doesn't have a Cloud Foundry org, you must create one. Create org." and a "Steps" section with two numbered steps: "1. Select the number of instances, memory allocation, region, org, and space..." and "2. Select the domain and provide a host name." At the bottom left are "Cancel" and "Save" buttons. At the bottom right is an "Activate Windows" watermark.

Step 5: Successfully deployed the app.

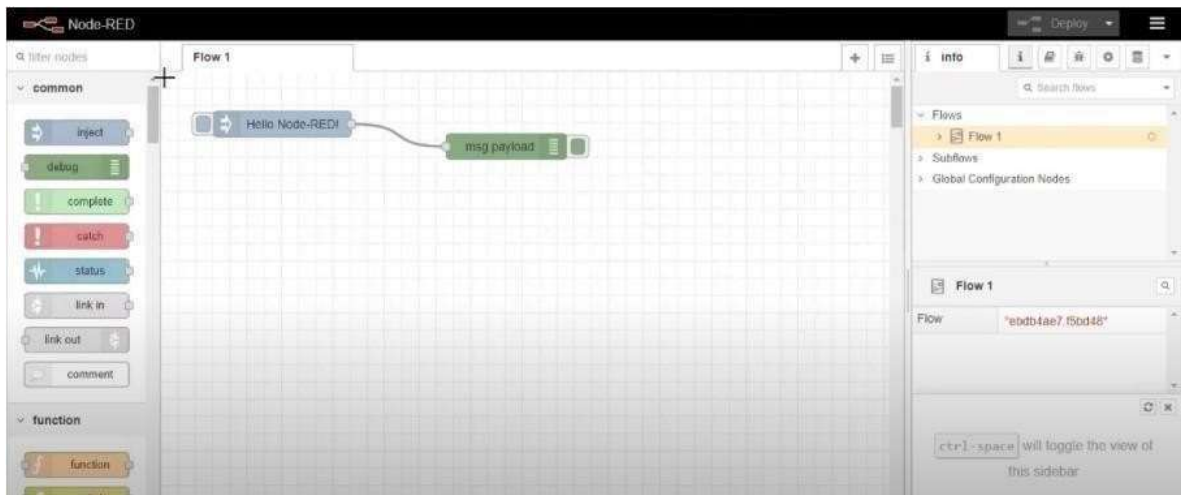
Delivery Pipelines

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.