

Create Node-RED Service

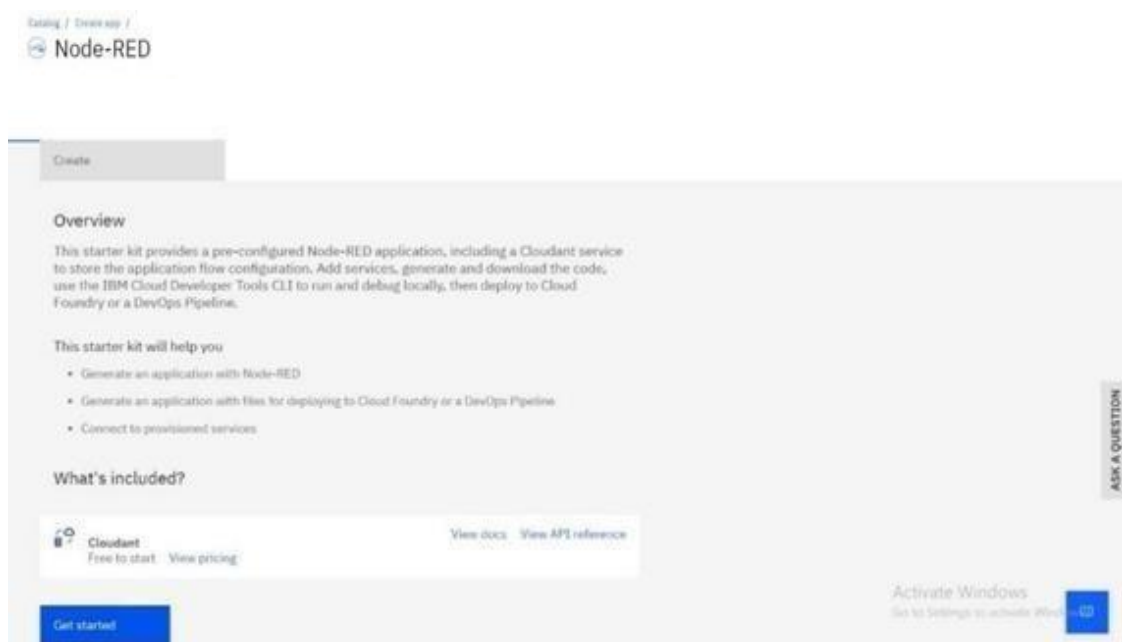
Date	22 NOVEMBER 2022
Team ID	PNT2022TMID16758
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

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 'Create new resource' page in the Azure portal for the Cloudant service. At the top, there's a dropdown for 'Resource group' set to 'Default'. Below it is a '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'. A 'Pricing plan' dropdown is set to 'node-red-fdeflt-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 'App details' page for a Node RED application. The breadcrumb trail is 'Resource list / App details / Node RED QHNJV 2022-10-26'. The 'Details' section shows 'App URL', 'Source' (with a 'Download code' button), 'Resource group' (Default), 'Deployment target' (You must deploy your app first), and 'Created' (10/26/2022). The 'Services' section shows 'Cloudant' with links to 'Open dashboard', 'Documentation', and 'API reference', and buttons for 'Connect existing services' and 'Create service'. The 'Deployment Automation' section has a 'Deploy your app' button. A 'Getting started quickly' sidebar on the right provides a 5-step guide for configuring the app. An 'ASK A QUESTION' button is on the far right.

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

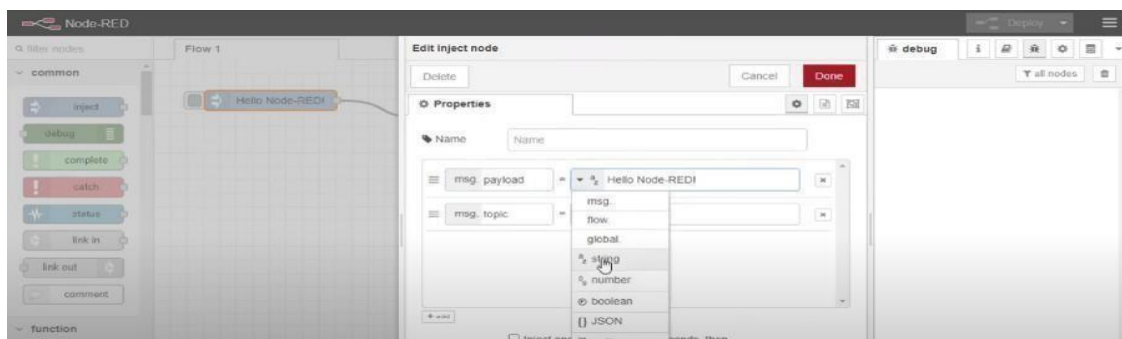
The screenshot shows the IBM Cloud Foundry deployment configuration interface. At the top, there is a notification banner stating "IBM Cloud Foundry Public is deprecated." with a "Learn more" link. Below this, the "IBM Cloud API key" field is visible, followed by a "New" button. The "Number of instances" is set to 1. The "Memory allocation per instance" is shown as a slider from 64 MB to 2000 MB, with a value of 256 MB selected. The "Region", "Organization", and "Space" dropdown menus are all set to "Region". The "Host" field contains "node-red-ghrjv-2022-10-26" and the "Domain" field shows "No domain available". At the bottom, there are "Cancel" and "Next" buttons. On the right side, there is a "Steps" section with two instructions: "1. Select the number of instances, memory allocation, region, org, and space." and "2. Select the domain and provide a host name." An "ASK A QUESTION" button is located on the far right. At the bottom right, there is an "Activate Windows" watermark.

Step 5: Successfully deployed the app.

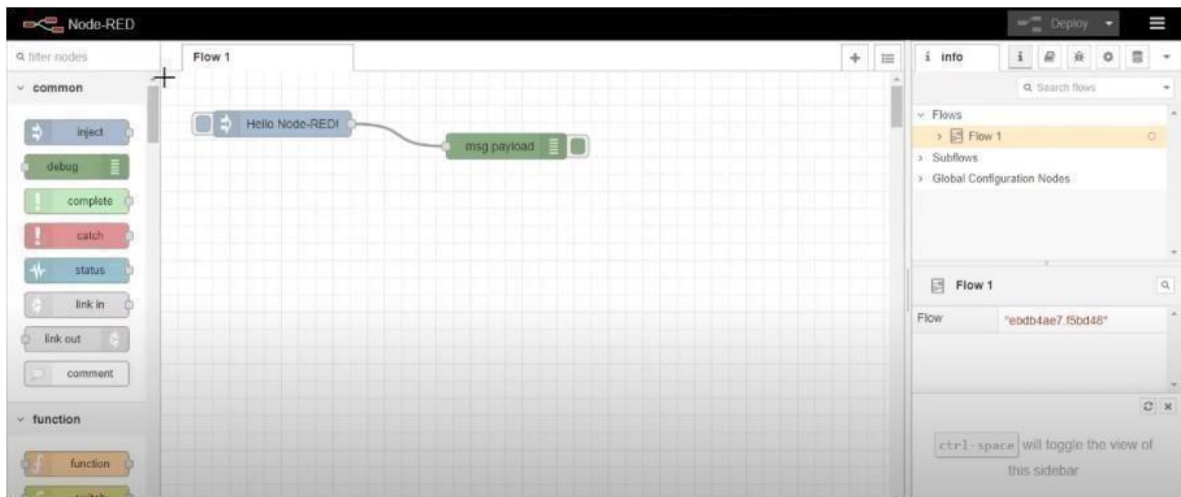
Delivery Pipelines

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.