

Create Node-RED Service

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Team ID	PNT2022TMID25430
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.

The screenshot shows the IBM Cloud 'Create app' page for Node-RED. The top navigation bar includes the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user's account (Nagarajan Selvaraj's Ac...). The main header shows 'Catalog / Create app / Node-RED'. Below this, there are tabs for 'About' and 'Create'. The 'About' tab is active, displaying details about the Node-RED starter kit. The 'Overview' section describes the starter kit as a pre-configured Node-RED application with a Cloudant service for storing configuration. It lists three main goals: generating an application with Node-RED, generating files for deployment to Cloud Foundry or DevOps Pipeline, and connecting to provisioned services. A 'What's included?' section highlights the inclusion of Cloudant, which is free to start. A 'Get started' button is prominently displayed at the bottom left. The bottom right corner features an 'Activate Windows' watermark and a small 'ASK A QUESTION' button.

IBM Cloud Search resources and products...

Catalog Manage Nagarajan Selvaraj's Ac...

Catalog / Create app / Node-RED

About Create

Details

Author IBM

Updated 2/11/2020

Type Starter kit

Source code

GitHub

Helpful links

Terms

Tutorial

Overview

This starter kit provides a pre-configured Node-RED application, including a Cloudant service to store the application flow configuration. Add services, generate and download the code, use the IBM Cloud Developer Tools CLI to run and debug locally, then deploy to Cloud Foundry or a DevOps Pipeline.

This starter kit will help you

- Generate an application with Node-RED
- Generate an application with files for deploying to Cloud Foundry or a DevOps Pipeline
- Connect to provisioned services

What's included?

Cloudant Free to start View pricing View docs View API reference

Get started

Activate Windows Go to Settings to activate Windows

ASK A QUESTION

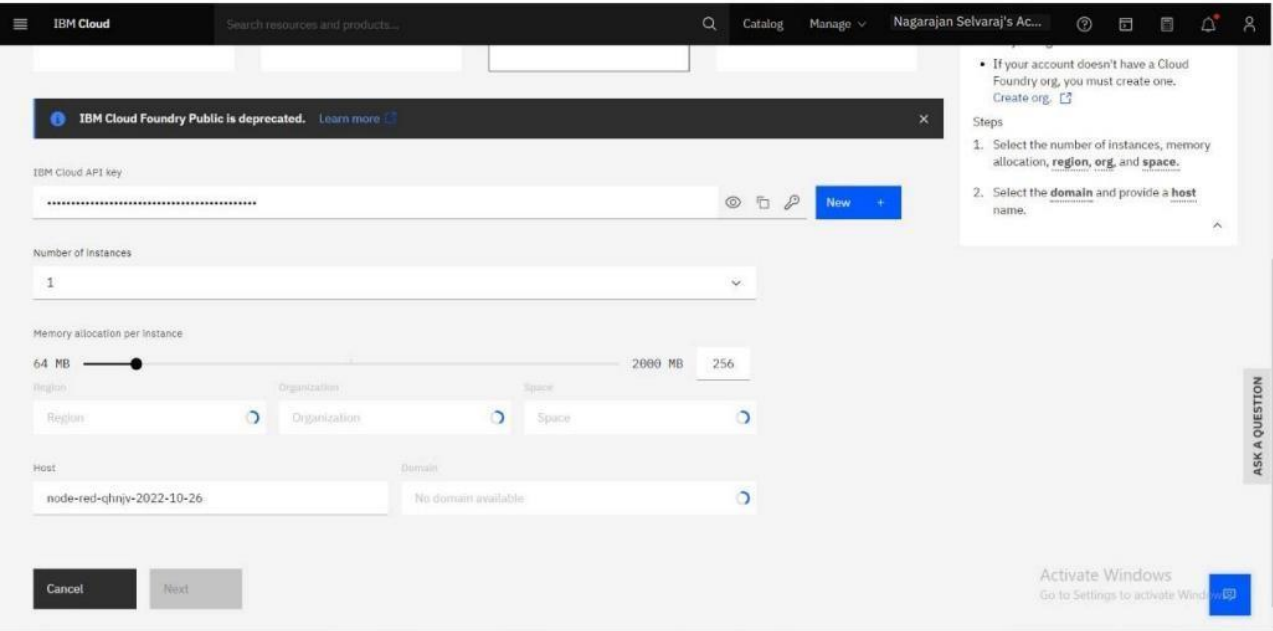
Step 2: Entered project details and clicked on create

The screenshot shows the IBM Cloud console interface. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and user information. Below the navigation bar, the 'Default' resource group is selected. The 'Tags' section has a text input field with examples: 'env:dev, version-1'. The 'Platform' section has a radio button selected for 'Node.js'. The 'Service details' section shows 'Cloudant' as the selected service. Below this, it says 'You have existing instances of this service available to use in this kit. If you wish to use the existing service, select it from the pricing plan menu.' The 'Region' is set to 'Frankfurt' and the 'Resource group' is 'Default'. The 'Pricing plan' dropdown is set to 'node-red+def1-2022--cloudant-1666683139018'. At the bottom, there are 'Cancel' and 'Create' buttons. A '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 app. The top navigation bar is the same as in the previous screenshot. Below it, the breadcrumb 'Resource list / App details /' is followed by the app name 'Node RED QHNJV 2022-10-26' and an 'Add tags' link. An 'Actions...' dropdown menu is visible. The main content area is divided into three columns. The left column, titled 'Details', shows the 'App URL' as 'You must deploy your app first', the 'Source' as 'Download code' with a download icon, the 'Resource group' as 'Default', the 'Deployment target' as 'You must deploy your app first', and the 'Created' date as '10/26/2022'. The middle column, titled 'Deployment Automation', shows a 'Configure Continuous Delivery' section with a 'Deploy your app' button. The right column, titled 'Getting started quickly', shows a 'Configuring your app' section with a list of steps: 1. Use the Services card to connect a service to your app. 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. 4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL. 5. If you make any changes to your app, be... A 'Windows' watermark is visible in the bottom right corner.

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

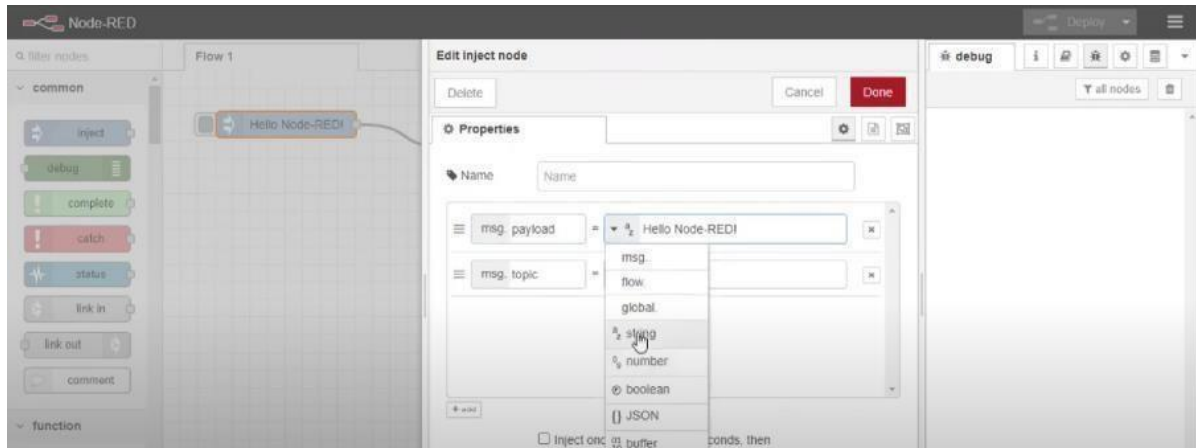


Step 5: Successfully deployed the app.

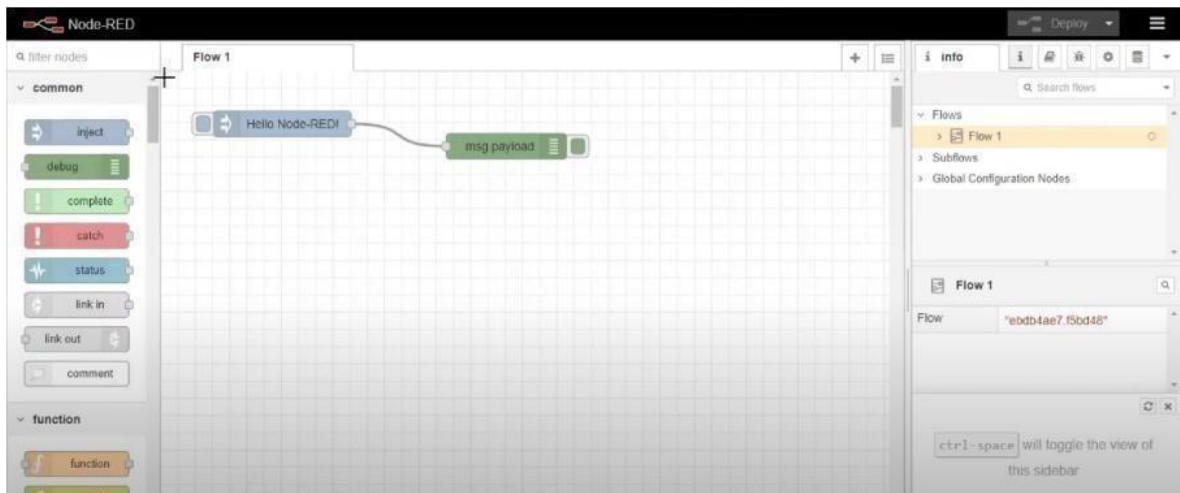
Delivery Pipelines

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.