

Create Node-RED Service

Date	18 NOVEMBER 2022
Team ID	PNT2022TMID42163
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 displays the IBM Cloud Developer Tools interface. At the top, a dark navigation bar contains the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user's account (Santhosh C's Account). Below this, the main content area is divided into a left sidebar and a main panel. The sidebar has tabs for 'About' and 'Create', with 'About' currently selected. Under 'About', there are sections for 'Details' (Author: IBM, Updated: 2/11/2020, Type: Starter kit), 'Source code' (with a GitHub link), and 'Helpful links' (with links for Terms and Tutorial). The main panel shows the 'Overview' of the Node-RED starter kit, describing it as a pre-configured application for storing flow configuration. It lists three key features: 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 'Cloudant' service as 'Free to start' with links to 'View docs' and 'View API reference'. At the bottom of the main panel, there is a blue 'Get started' button. A vertical 'ASK A QUESTION' button is located on the right side of the main panel. A status bar at the very bottom indicates 'Waiting for api.segmentio...'.

Step 2: Entered project details and clicked on create

IBM Cloud Search resources and products... Catalog Manage Santhosh C's Account

Tags
 Examples: env:dev, version-1

Platform
 ☒ Node.js

Service details

Cloudant

Region
 London

Resource group
 Default

Pricing plan
 Lite

[Pricing details](#) [Terms](#)

Creating app...

ASK A QUESTION

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

IBM Cloud Search resources and products... Catalog Manage Santhosh C's Account

Details

App URL

Source
 Download code

Resource group
 Default

Deployment target

Created
 11/19/2022

Services

Cloudant
 Open dashboard [Documentation](#) [API reference](#)
 Credentials

Connect existing services
 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 Pipeline, GitLab, and more.

Deploy your app

Getting started quickly

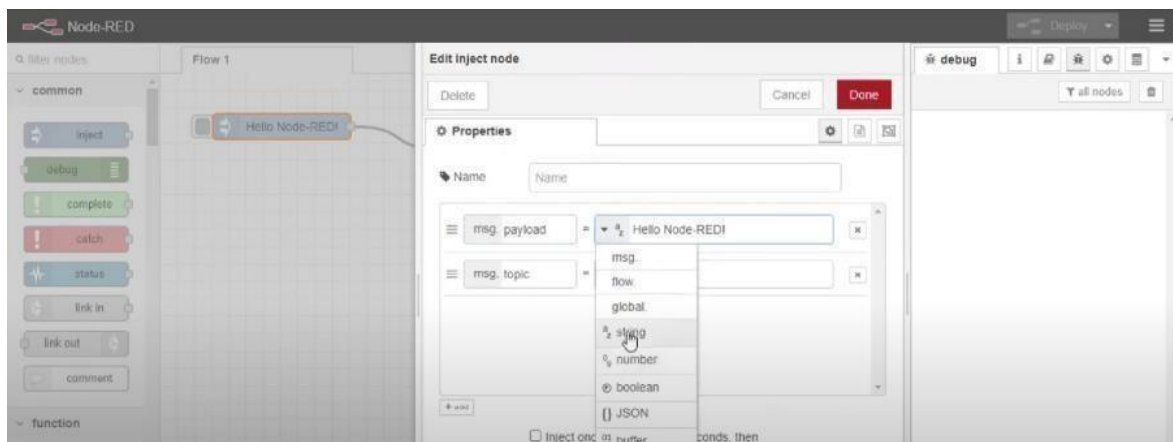
ASK A QUESTION

Step 4: Successfully deployed the app.

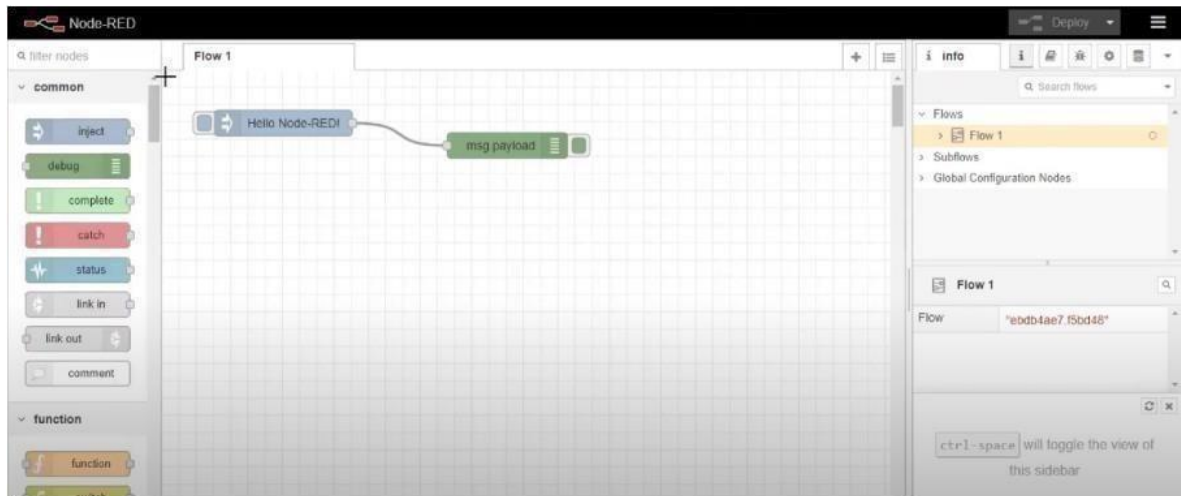
Delivery Pipelines

Name	ci-pipeline
Status	✓ Success
Last input	Last commit by IBM Cloud DevOps Services (7 minutes ago) Clone from zip

Step 5: Dragged and dropped components into the



Step 6: Editing some values of the properties.



Step 7: Successfully deployed the app.



Result:

Successfully created a Node RED service on IBM Cloud.

