

Create Node-RED Service

Date	12 NOVEMBER 2022
Team ID	PNT2022TMID53637
Project Name	Industry-Specific Intelligent Fire Management System

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 a web browser window with multiple tabs open, including 'IBM Skills', 'mail.google', 'careeredu', 'New Tab', 'Service De', 'IBM Wats', 'internetof', 'Simulating', and 'IBM App'. The address bar shows the URL: `cloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-f94eea80dc9f&defaultLanguage=undefined`. The page header includes the IBM Cloud logo, a search bar, and navigation links for 'Catalog', 'Manage', and 'Hariharan A's Account'. The main content area is titled 'Node-RED' and features a 'Create' button. A sidebar on the left contains links for 'About', 'Details', 'Source code', 'GitHub', 'Helpful links', 'Terms', and 'Tutorial'. The 'Overview' section describes the starter kit, which includes a pre-configured Node-RED application and a Cloudant service. It lists the steps: 'Generate an application with Node-RED', 'Generate an application with files for deploying to Cloud Foundry or a DevOps Pipeline', and 'Connect to provisioned services'. A 'What's included?' section highlights the 'Cloudant' service, which is 'Free to start'. A 'Get started' button is located at the bottom left of the main content area. An 'ASK A QUESTION' button is visible on the right side of the page.

Step 2: Entered project details and clicked on create

The screenshot shows the IBM Cloud Developer console's 'Create App' form. The browser's address bar displays the URL: `cloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-f94eea80dc9f&defaultLanguage=undefined`. The form includes a 'Tags' section with a text input containing 'Examples: env:dev, version:1'. The 'Platform' section has 'Node.js' selected. The 'Service details' section shows 'Cloudant' as the selected service, with a note explaining the star icon. The 'Region' is set to 'Chennai' and the 'Resource group' is 'Default'. The 'Pricing plan' dropdown is set to 'node-red-fihqb-2022--cloudant-1667484526201'. At the bottom, there are 'Cancel' and 'Create' buttons. A vertical 'ASK A QUESTION' button is on the right side.

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

The screenshot shows the IBM Cloud Developer console's 'App details' page for an application named 'Node RED ZMCSJ 2022-11-06'. The browser's address bar displays the URL: `cloud.ibm.com/developer/appservice/apps/46c309b9-ecfc-4164-a0b1-0d7ae9a29f0d`. The page is divided into three main sections: 'Details', 'Deployment Automation', and 'Getting started quickly'. The 'Details' section shows the 'App URL' and 'Source' (with a 'Download code' button), 'Resource group' (Default), 'Deployment target' (You must deploy your app first), and 'Created' (11/6/2022). The 'Services' section shows 'Cloudant' as the selected service, with options to 'Connect existing services' or 'Create service'. The 'Deployment Automation' section has a 'Deploy your app' button. The 'Getting started quickly' section provides a list of steps for configuring the app. A vertical 'ASK A QUESTION' button is on the right side.

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

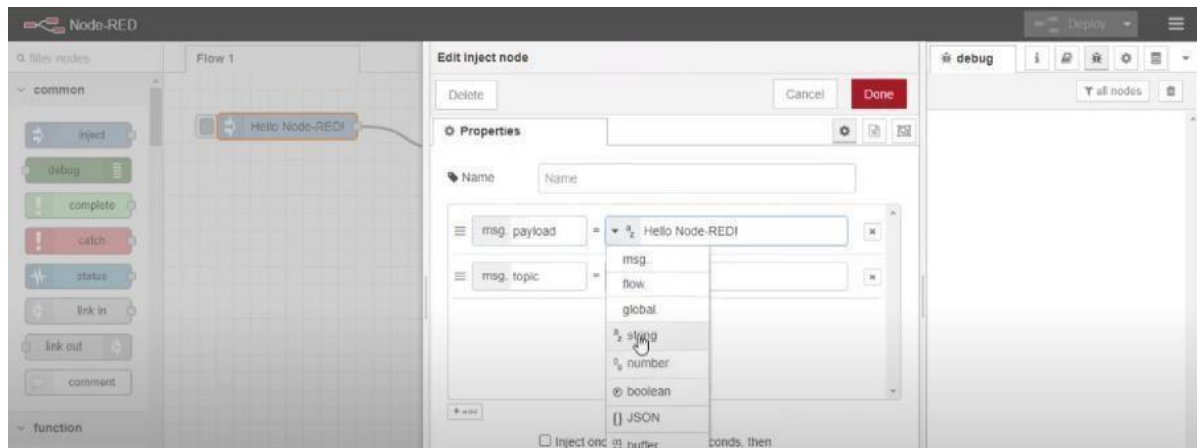
The screenshot shows the IBM Cloud Foundry Public console. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Hariharan A's Account). A notification banner at the top states "IBM Cloud Foundry Public is deprecated." Below this, the "IBM Cloud API key" is displayed with 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" is set to Dallas. The "Organization" and "Space" fields are both set to "Organization" and "Space" respectively. The "Host" field is set to "node-red-zmcsj-2022-11-06" and the "Domain" field is set to "No domain available". At the bottom, there are "Cancel" and "Next" buttons. On the right side, there is a vertical "ASK A QUESTION" button.

Step 5: Successfully deployed the app.

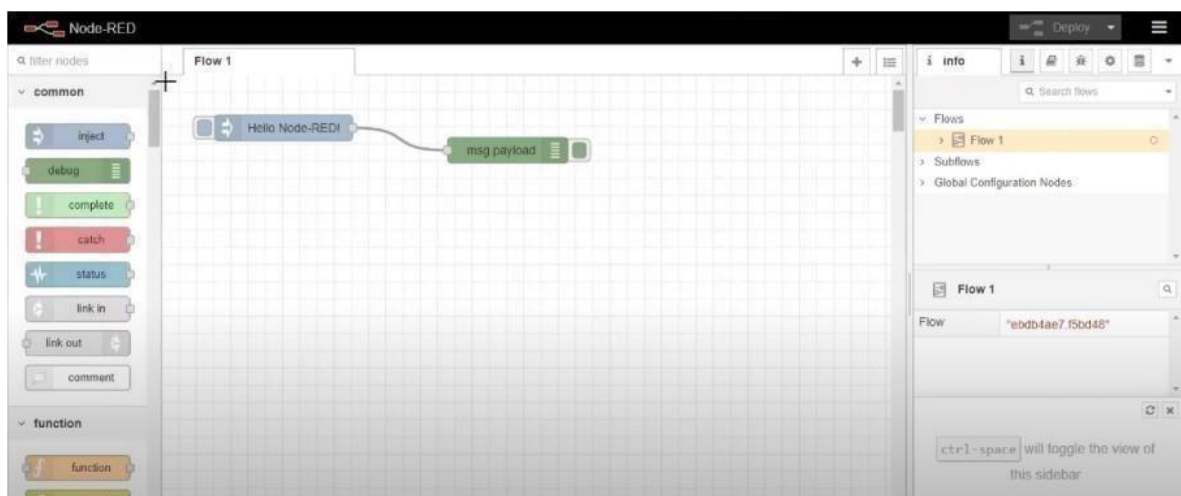
Delivery Pipelines

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.