

# Create Node-RED Service

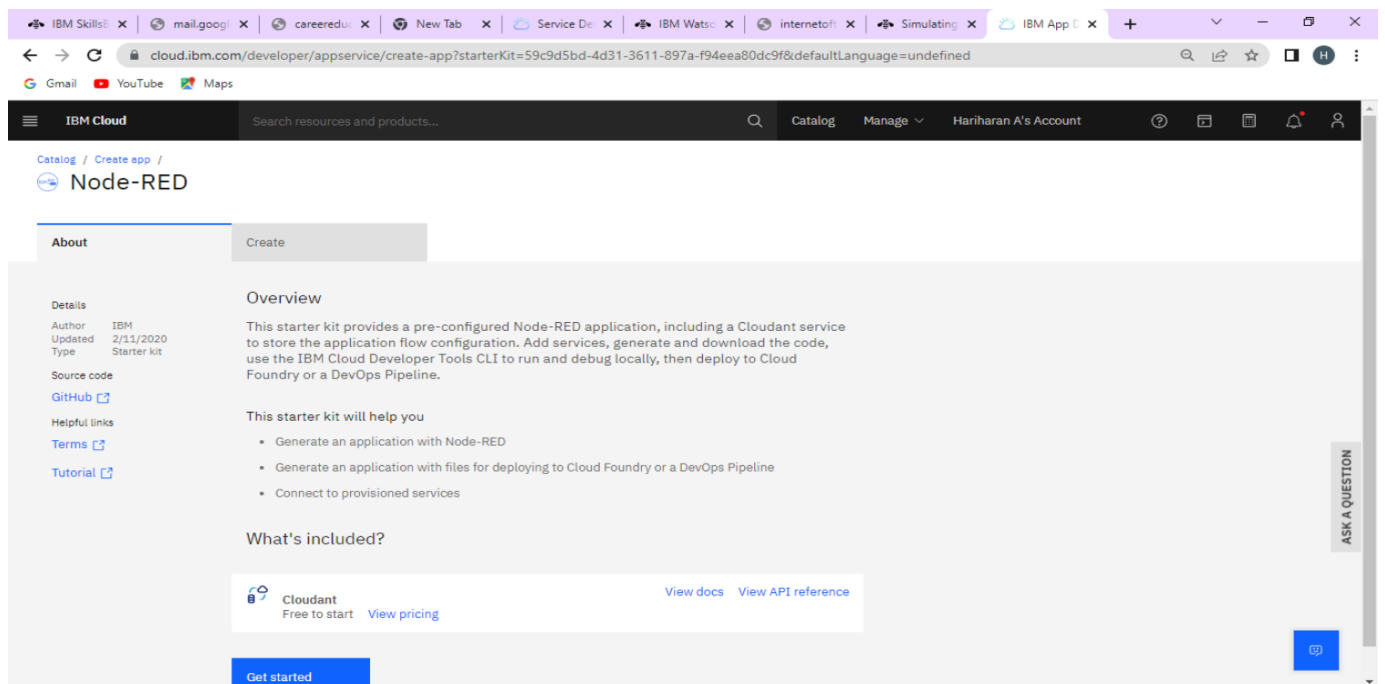
Date	3 NOVEMBER 2022
Team ID	PNT2022TMID05194
Project Name	Industry-Specific Intelligent Fire Management System

## Aim:

To create a web application, create a Node-RED service.

## Steps to be followed

Step 1: Navigated to the App creation page.



## Step 2: Entered project details and clicked on create

The screenshot shows the IBM Cloud Developer console with the 'Create App' form for Node.js. The form includes fields for Tags (Examples: env:dev, version:1), Platform (Node.js), Service details (Cloudant), Region (Chennai), Resource group (Default), and Pricing plan (node-red-fihqb-2022--cloudant-1667484526201). There are 'Cancel' and 'Create' buttons at the bottom.

IBM Cloud

Search resources and products...

Default

Tags ⓘ

Examples: env:dev, version:1

Platform

Node.js

Service details

Cloudant

\* = 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.

Region Chennai Resource group Default

Pricing plan

node-red-fihqb-2022--cloudant-1667484526201

Pricing details Terms

Cancel Create

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

The screenshot shows the IBM Cloud Developer console with the 'Deploy your App' button. The page displays details for the Node RED ZMCSJ 2022-11-06 app, including App URL, Source, Resource group, Deployment target, and Created date. It also shows a 'Deployment Automation' section with a 'Deploy your app' button and a 'Getting started quickly' sidebar with instructions.

IBM Cloud

Search resources and products...

Resource list / App details /

Node RED ZMCSJ 2022-11-06 Add tags

Details

App URL You must deploy your app first

Source Download code

Resource group Default

Deployment target You must deploy your app first

Created 11/6/2022

Services

Cloudant

Provisioning service 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

Configuring your app

To connect services and DevOps toolchains to your app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)
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. The deployment begins automatically.
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

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

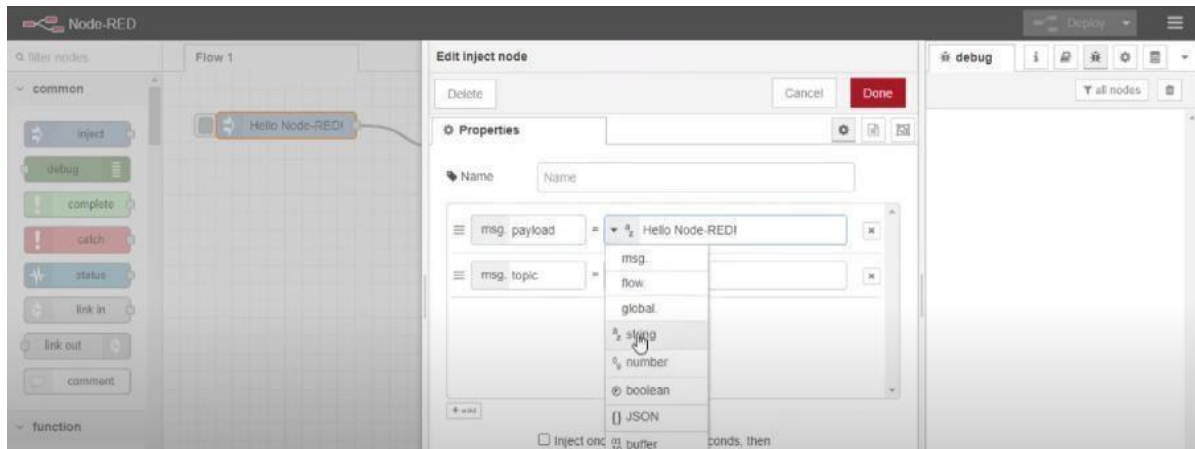
The screenshot shows the IBM Cloud Foundry console interface. At the top, there's a navigation bar with the IBM Cloud logo and a search bar. Below the navigation bar, there's a banner indicating that IBM Cloud Foundry Public is deprecated. The main content area shows the configuration for a new application. It includes fields for the IBM Cloud API key, the number of instances (set to 1), memory allocation per instance (set to 256 MB), region (set to Dallas), organization, space, host (set to node-red-zmcsj-2022-11-06), and domain (set to No domain available). There are buttons for 'Cancel', 'Next', and 'New'.

## Step 5: Successfully deployed the app.

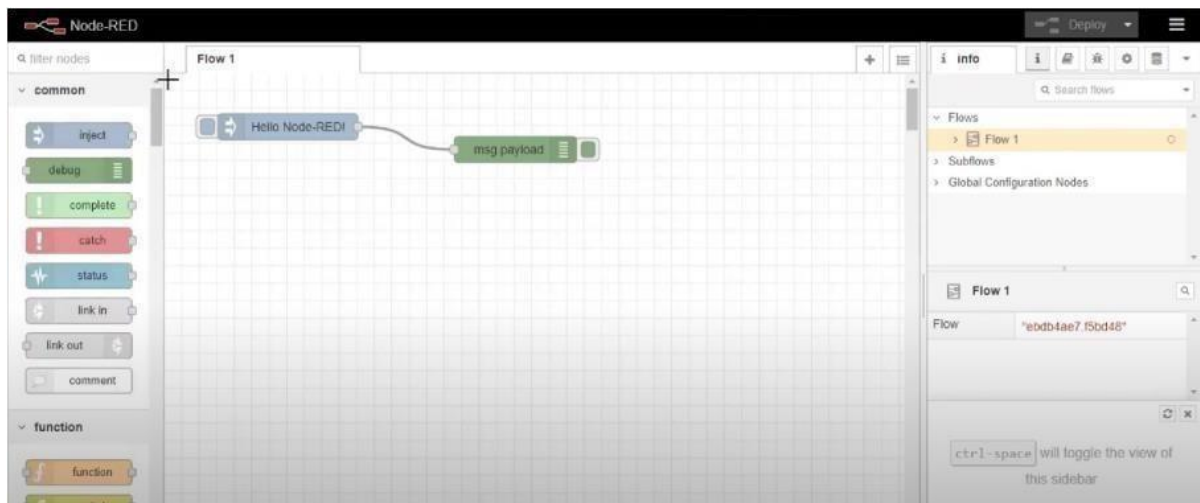
### Delivery Pipelines

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.