

CreateNode-REDService

Date	24-11-2022
Team ID	PNT2022TMID30354
ProjectName	Project-IOTbasedsafety gadgetfor childsaftymonitoringandnotification
MaximumMarks	4Marks
SubmittedBy	P.KAETHIGA S. BARANI P. GAYATHRI B. KANIMOZHI

Aim: To create a web application create a Node-RED service.Steps followed:

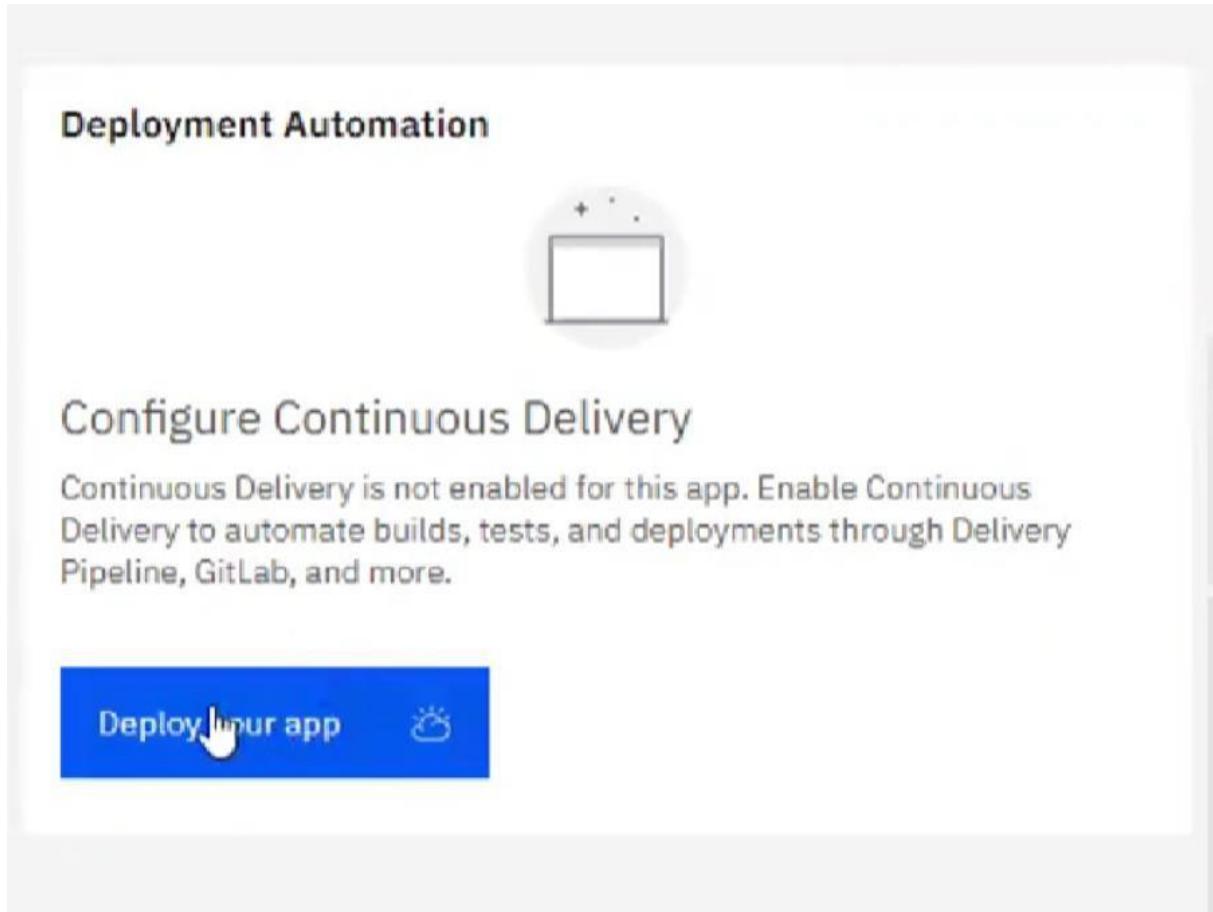
- NavigatedtotheAppcreationpage

The screenshot shows the IBM Cloud Catalog interface. At the top, there's a navigation bar with 'IBM Cloud' and a search bar. Below the search bar, it says 'Catalog / Create app /'. A large card for the 'Node-RED' starter kit is displayed. The card has tabs for 'About' (selected) and 'Create'. Under 'About', there's a 'Details' section with author information (IBM, updated 2/11/2020, type Starter kit), a 'Source code' link (GitHub), 'Helpful links', 'Terms', and 'Tutorial'. The 'Create' tab shows an 'Overview' section with a description of the starter kit: '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.' It also lists 'This starter kit will help you' with two bullet points: 'Generate an application with Node-RED' and 'Generate an application with files for deploying to Cloud Foundry or a DevOps Pipeline'.

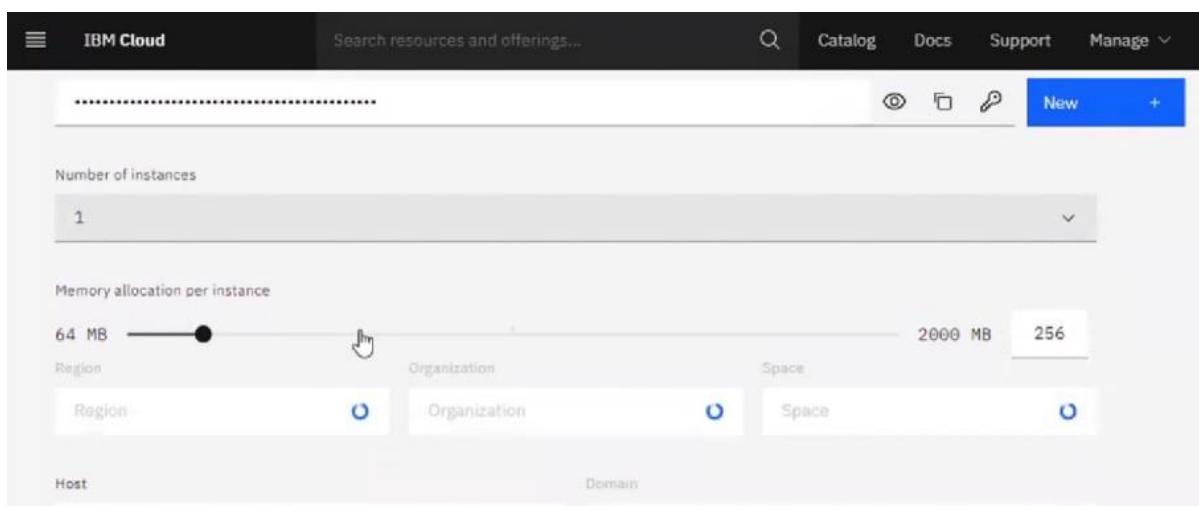
- Enteredprojectdetailsandclickedoncreate

The screenshot shows the 'Creating app' page for the Node-RED app. At the top, there's a navigation bar with 'IBM Cloud' and a search bar. Below the search bar, it says 'Examples: env:dev, version-1'. The main area is titled 'Service details' and contains sections for 'Cloudant' (Region: London, Resource group: Default), 'Pricing plan' (Lite), and 'Pricing details' and 'Terms'. A progress bar at the bottom indicates the process is 'Creating app'.

- Clicking on the “Deploy your App” Button



- Setting up the environment and deploying the app



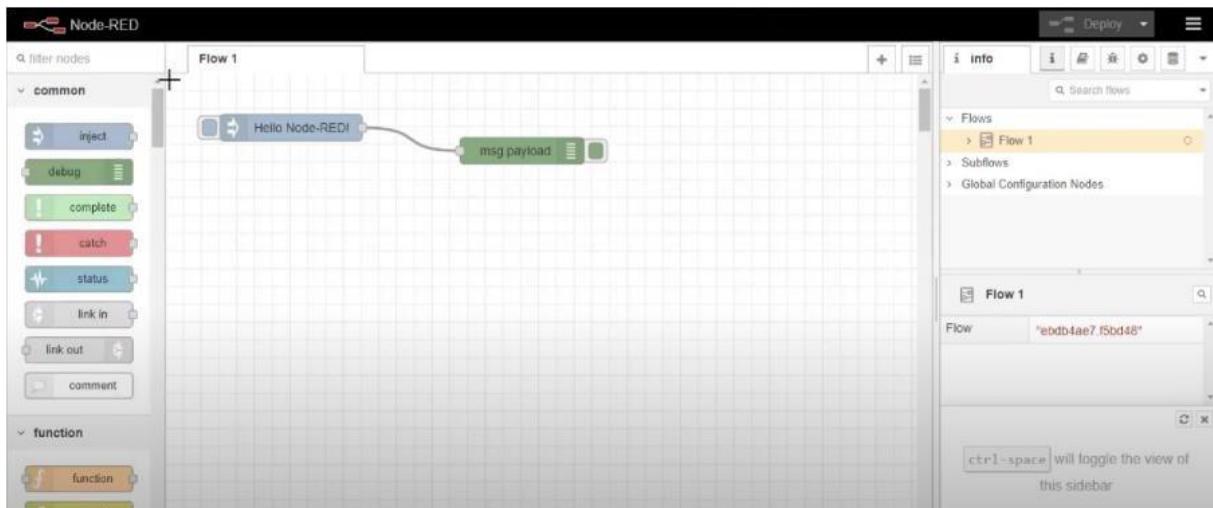
- Successfully deployed the app

Delivery Pipelines

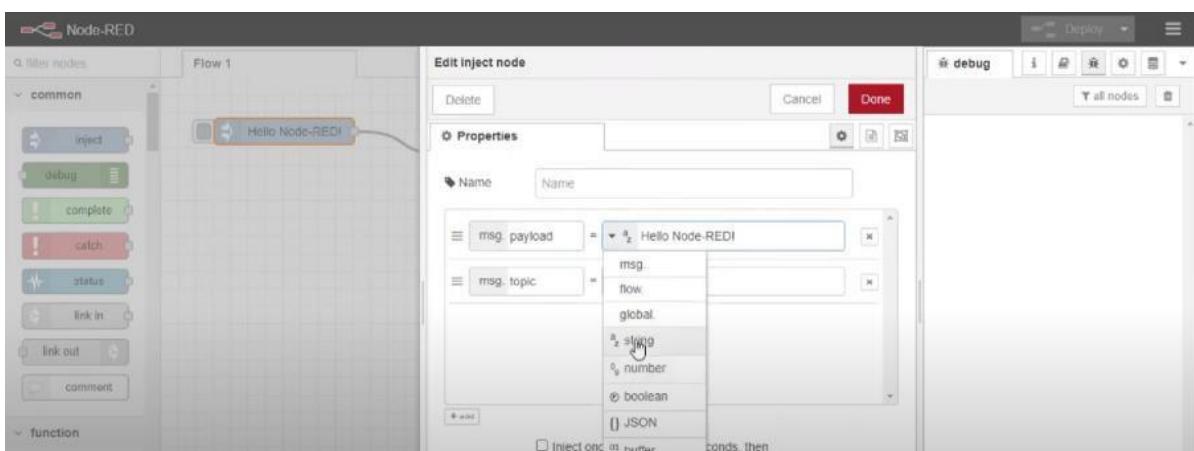
Name	ci-pipeline
Status	Success
Last input	Last commit by IBM Cloud DevOps Services (7 minutes ago)

[Clone from zip](#)

- Dragged and dropped components into the editor



- Editing some values of the properties



- Successfully deployed the app



Result: Successfully created a NodeRED service on IBM Cloud