

Create Node-RED Service

Date	10 November 2022
Team ID	PNT2022TMI01176
Project Name	Smart Solutions For Railways
Maximum Marks	4 Marks

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

Steps followed:

- Navigated to the App creation page

The screenshot shows the IBM Cloud Catalog interface. At the top, there is a navigation bar with 'IBM Cloud' and search functionality. Below the navigation, the URL 'Catalog / Create app /' is visible, followed by the title 'Node-RED'. The main content area has two tabs: 'About' (selected) and 'Create'. The 'About' tab contains sections for 'Details' (Author: IBM, Updated: 2/11/2020, Type: Starter kit), 'Source code' (GitHub link), 'Helpful links', 'Terms', and 'Tutorial'. The 'Create' tab contains an 'Overview' section with a detailed description of the starter kit's purpose and usage instructions. A list of steps is provided under 'This starter kit will help you': 'Generate an application with Node-RED' and 'Generate an application with files for deploying to Cloud Foundry or a DevOps Pipeline'.

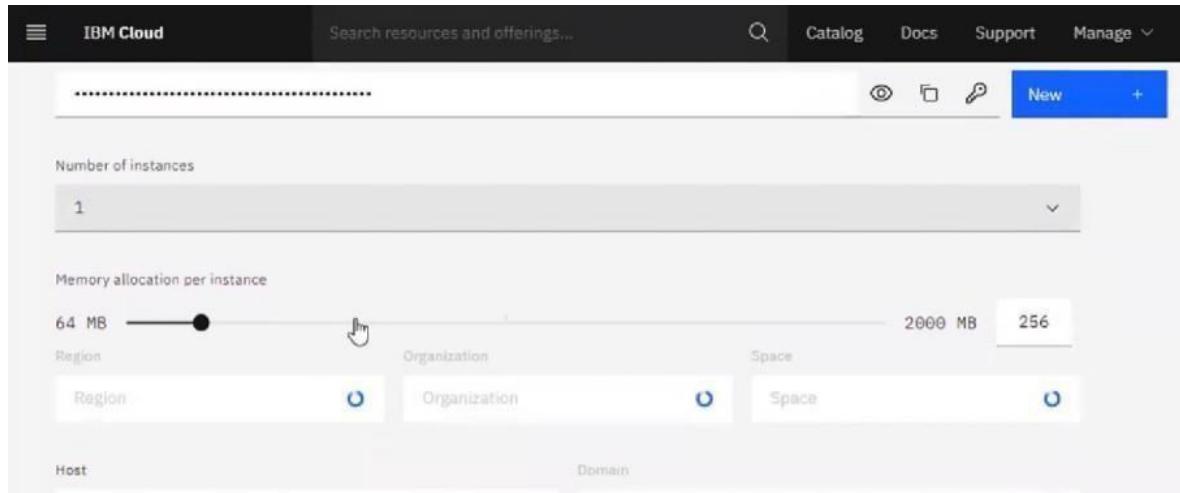
- Entered project details and clicked on create

The screenshot shows the IBM Cloud interface for creating a new application. At the top, there's a navigation bar with 'IBM Cloud' and search options. Below it, a search bar contains the placeholder 'Examples: env:dev, version:1'. A 'Platform' section is set to 'Node.js'. Under 'Service details', there's a 'Cloudant' section with dropdowns for 'Region' (London) and 'Resource group' (Default). A 'Pricing plan' dropdown is set to 'Lite'. At the bottom, there are links for 'Pricing details' and 'Terms', and a large blue button labeled 'Creating app...'. A cursor arrow points towards this button.

- Clicking on the “Deploy your App” Button

The screenshot shows the 'Deployment Automation' page. It features a heading 'Configure Continuous Delivery' with the subtext: 'Continuous Delivery is not enabled for this app. Enable Continuous Delivery to automate builds, tests, and deployments through Delivery Pipeline, GitLab, and more.' Below this is a large blue button with the text 'Deploy your app' and a small sun icon. A cursor arrow is shown clicking on the left side of this button.

- Setting up the environment and deploying the app

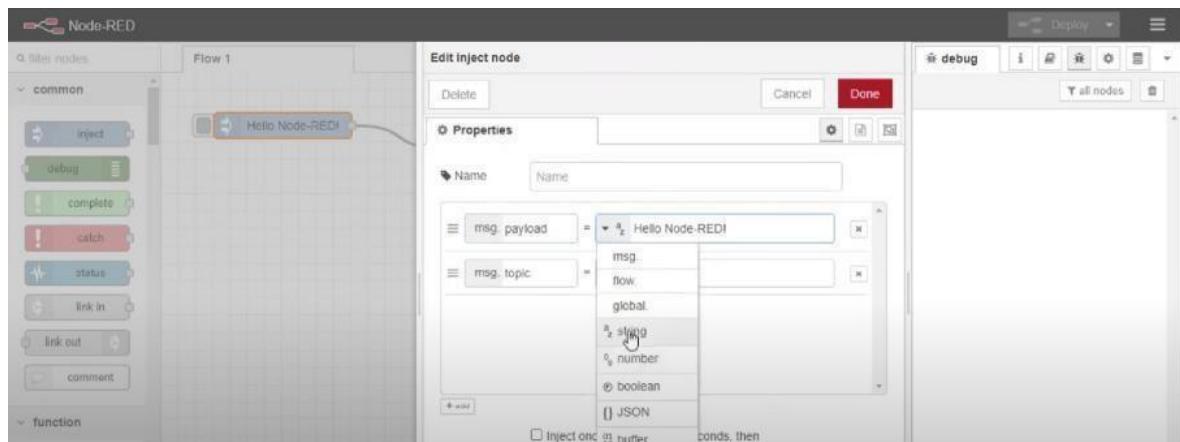


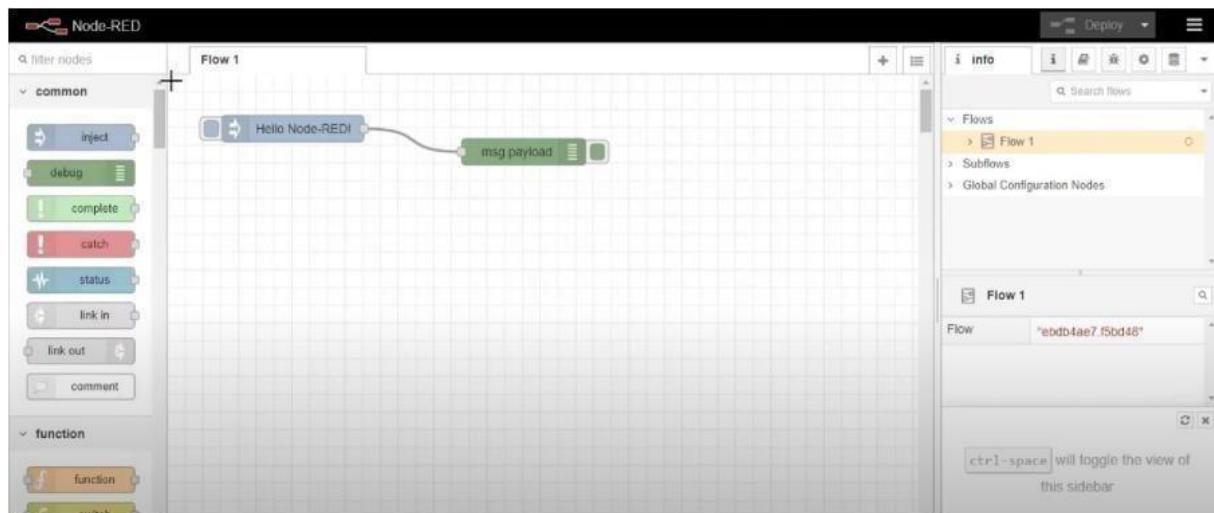
- Successfully deployed the app

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