

Create Node-RED Service

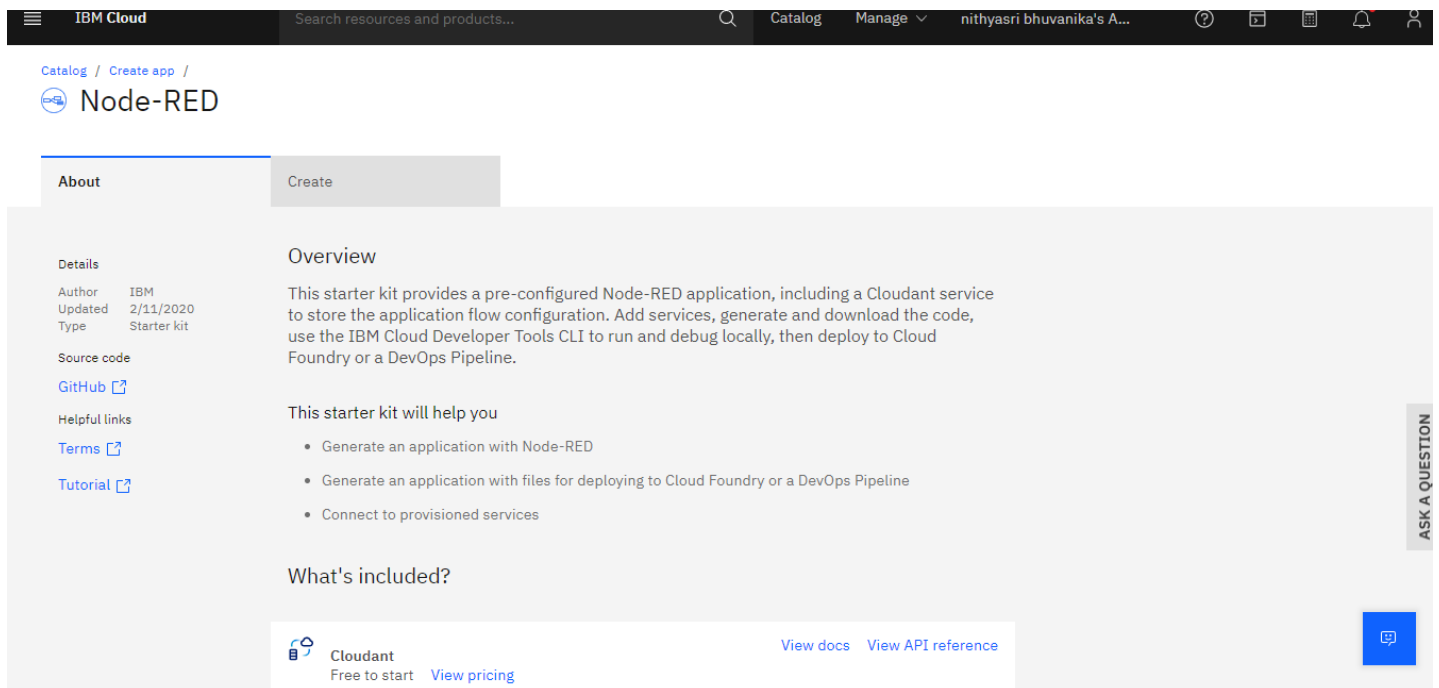
Date	17 November 2022
Team ID	PNT2022TMID48118
Project Name	Project - IoT Based Safety Gadget for Child Safety Monitoring & Notification

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's a navigation bar with 'IBM Cloud', a search bar, and links for 'Catalog', 'Manage', and a user profile. Below the navigation bar, the breadcrumb 'Catalog / Create app /' is visible. The main heading is 'Node-RED'. On the left, there's a sidebar with 'About' and 'Create' tabs. The 'About' tab is active, showing details about the Node-RED starter kit, including its author (IBM), update date (2/11/2020), and type (Starter kit). It also provides links to the source code on GitHub, helpful links, terms, and a tutorial. The main content area is titled 'Overview' and describes the starter kit as a pre-configured Node-RED application that includes a Cloudant service for storing application flow configuration. It lists steps to generate an application, deploy it to Cloud Foundry or a DevOps Pipeline, and connect to provisioned services. A section titled 'What's included?' shows the Cloudant service, which is free to start, with links to view docs and API reference. A vertical 'ASK A QUESTION' button is on the right side of the main content area.

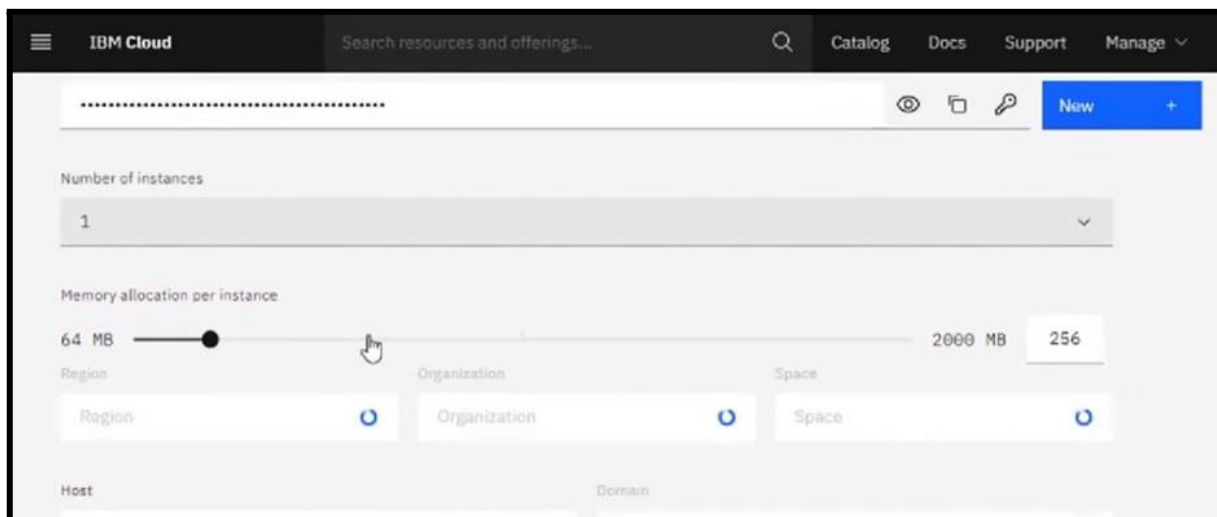
- Entered project details and clicked on create

This screenshot shows the IBM Cloud console interface for creating a new service. The top navigation bar includes the IBM Cloud logo, a search bar, and user information. The main content area is titled 'Default' and features a 'Tags' section with a search bar and examples. Below this is the 'Platform' section, where 'Node.js' is selected. The 'Service details' section includes 'Cloudant' as the service type. Under 'Cloudant', there are dropdown menus for 'Region' (set to 'London') and 'Resource group' (set to 'Default'). A 'Pricing plan' dropdown is set to 'Lite'. At the bottom, there are 'Cancel' and 'Create' buttons.

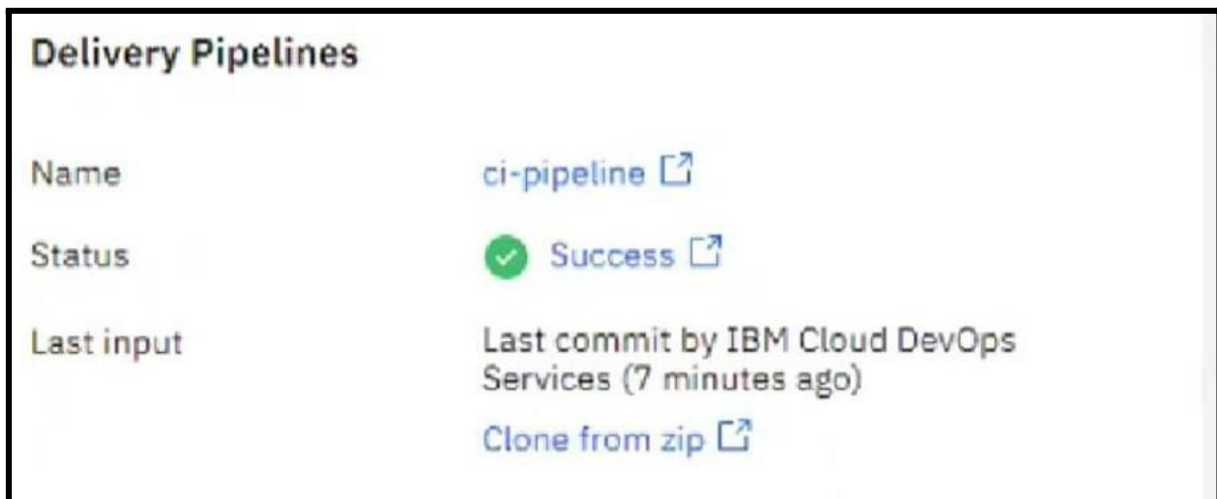
- Clicking on the “Deploy your App” Button

This screenshot shows the IBM Cloud console interface for a specific application, 'Node RED ESJQN 2022-11-17'. The top navigation bar is consistent with the previous screenshot. The main content area is divided into two columns. The left column contains 'Details' and 'Services' sections. The 'Details' section shows 'App URL' and 'Source' (with a 'Download code' button). The 'Services' section shows 'Cloudant' as the selected service, with links to 'Open dashboard', 'Documentation', and 'API reference'. The right column contains a 'Deployment Automation' section with a 'Deploy your app' button. A vertical 'ASK A QUESTION' button is visible on the far right.

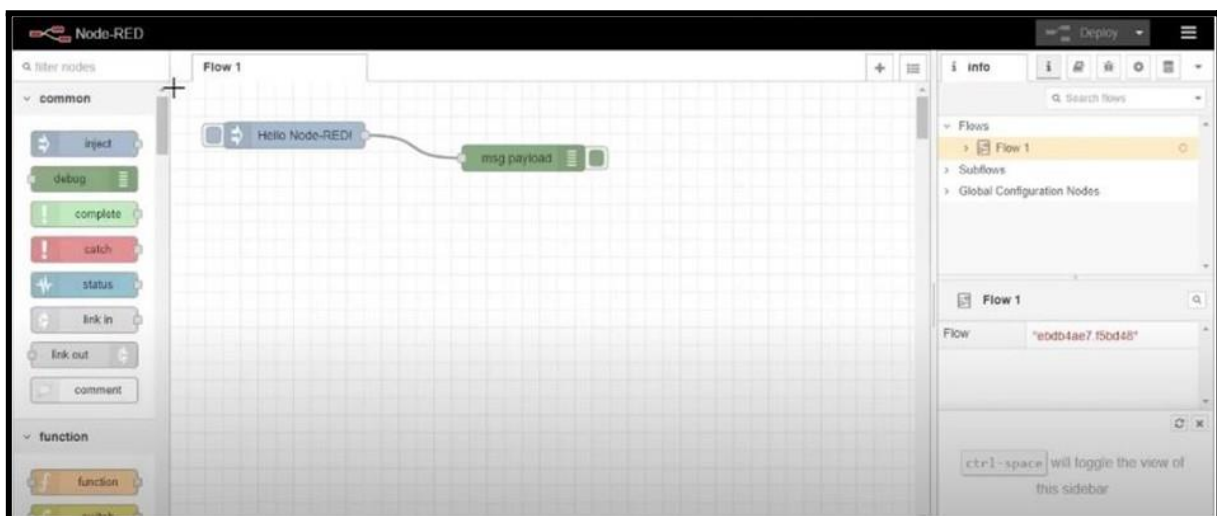
- Setting up the environment and deploying the app



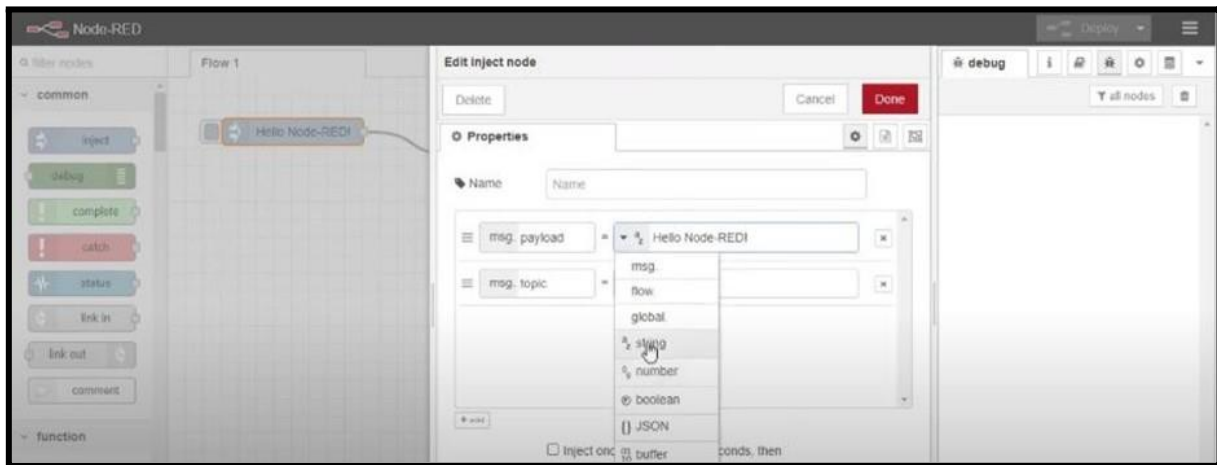
- Successfully deployed the app



- Dragged and dropped components into the editor



- Editing some values of the properties



- Successfully deployed the app



Result:

Successfully created a Node-RED service on IBM Cloud