

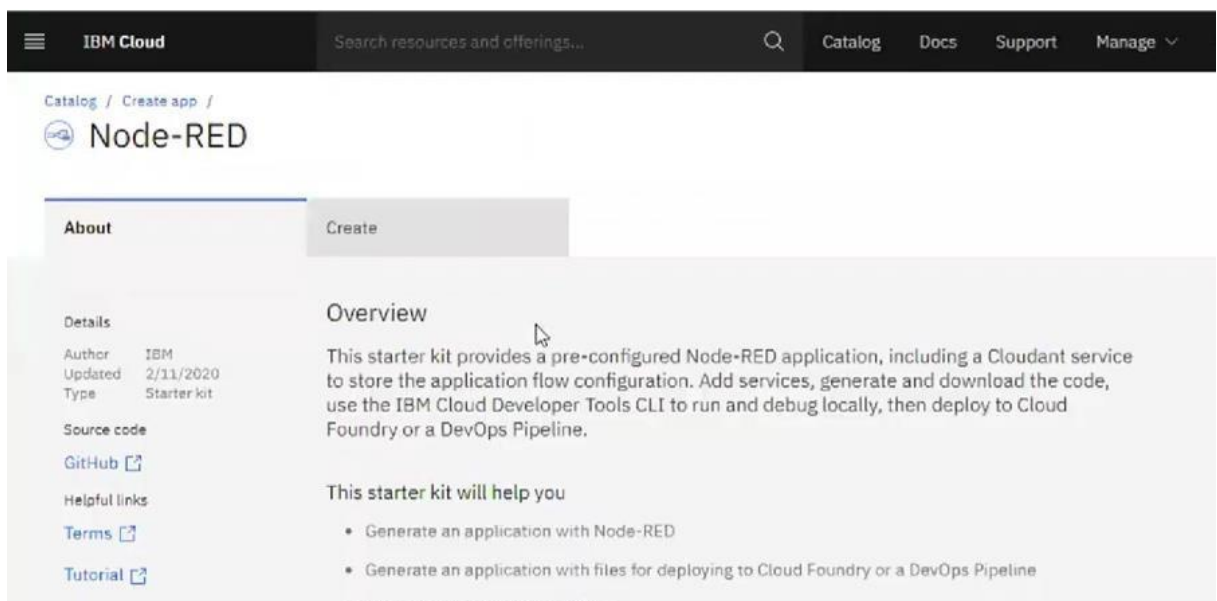
Create Node-RED Service

| | |
|---------------------|---|
| Title | IoT Based Safety Gadget for Child Safety Monitoring and Notification. |
| Domain Name | Internet of Things (IOT) |
| Team Lead | Gopi V |
| Team Member | Raja K Nandakumar A Sundaramoorthy A |
| Mentor | Suganya J |
| Team ID | PNT2022TMID29157 |
| College Name | Mailam Engineering College |
| Department | Electronics and Communication Engineering |

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

Steps followed:

- Navigated to the App creation page



- Entered project details and clicked on create

IBM Cloud Search resources and offerings... Catalog Docs Support Manage

Examples: env:dev, version-1

Platform
● Node.js

Service details

Cloudant

Region
London

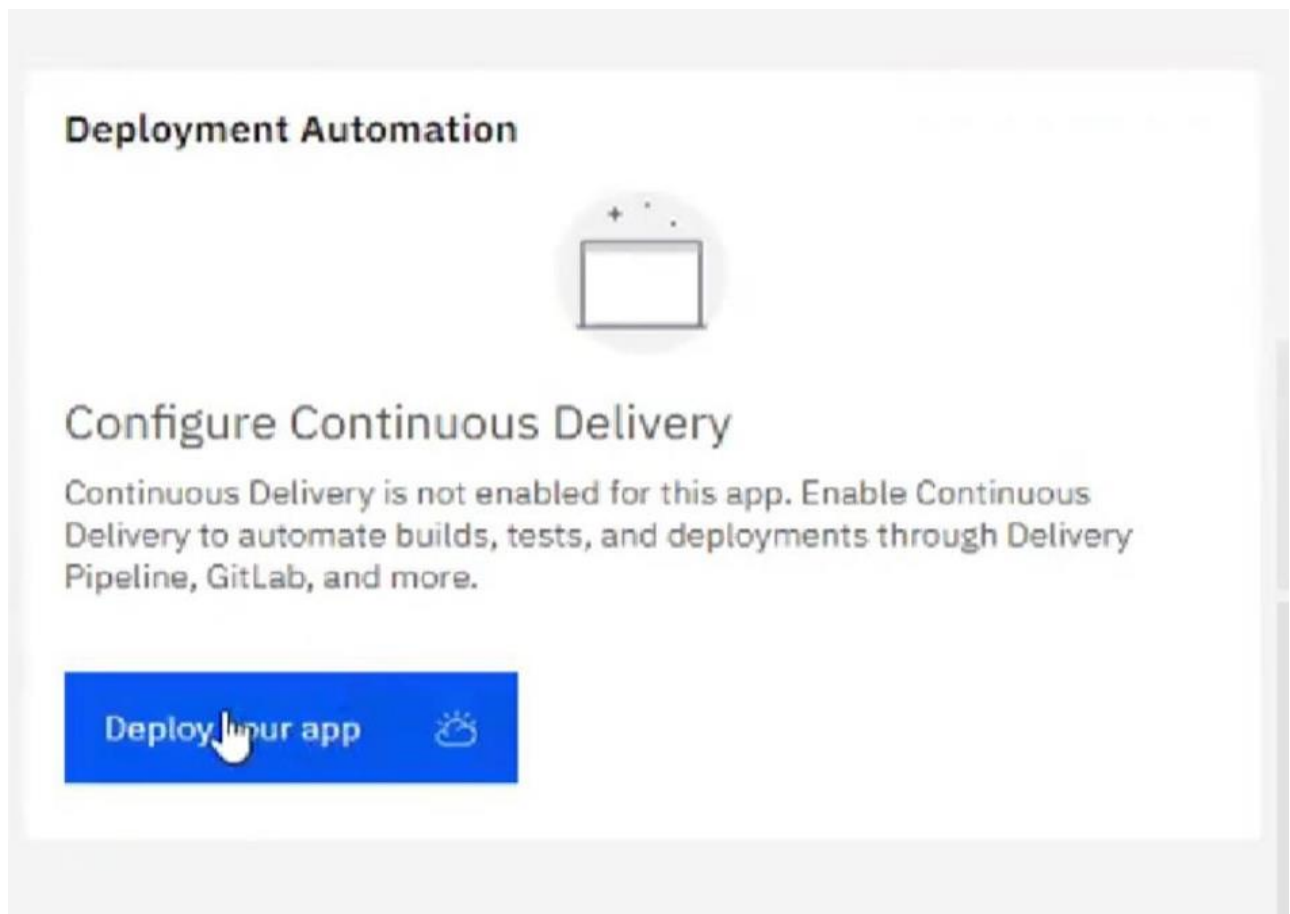
Resource group
Default

Pricing plan
Lite

[Pricing details](#) [Terms](#)

Creating app...

- Clicking on the “Deploy your App” Button



- Setting up the environment and deploying the app

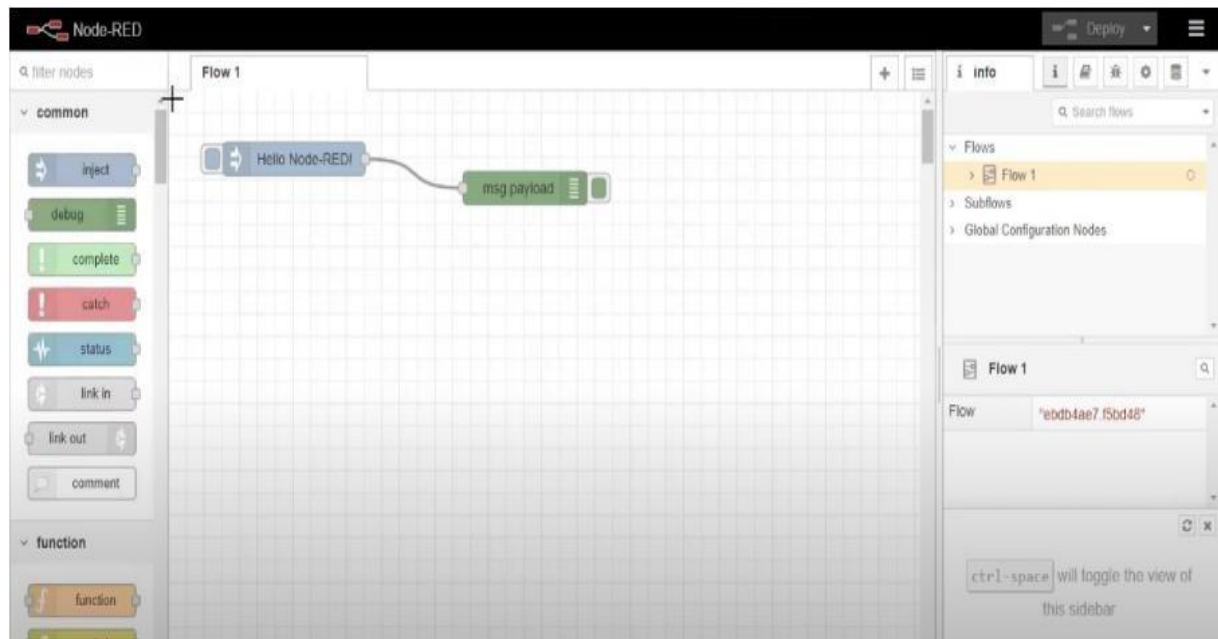
The screenshot shows the IBM Cloud console interface for creating a new service instance. At the top, there is a navigation bar with the IBM Cloud logo, a search bar, and links to Catalog, Docs, Support, and Manage. Below the navigation bar, there is a header section with a search bar and a 'New' button. The main configuration area includes a 'Number of instances' dropdown set to 1, a 'Memory allocation per instance' slider ranging from 64 MB to 2000 MB with a current value of 256 MB, and three dropdown menus for 'Region', 'Organization', and 'Space'. At the bottom, there are fields for 'Host' and 'Domain'.

- Successfully deployed the app

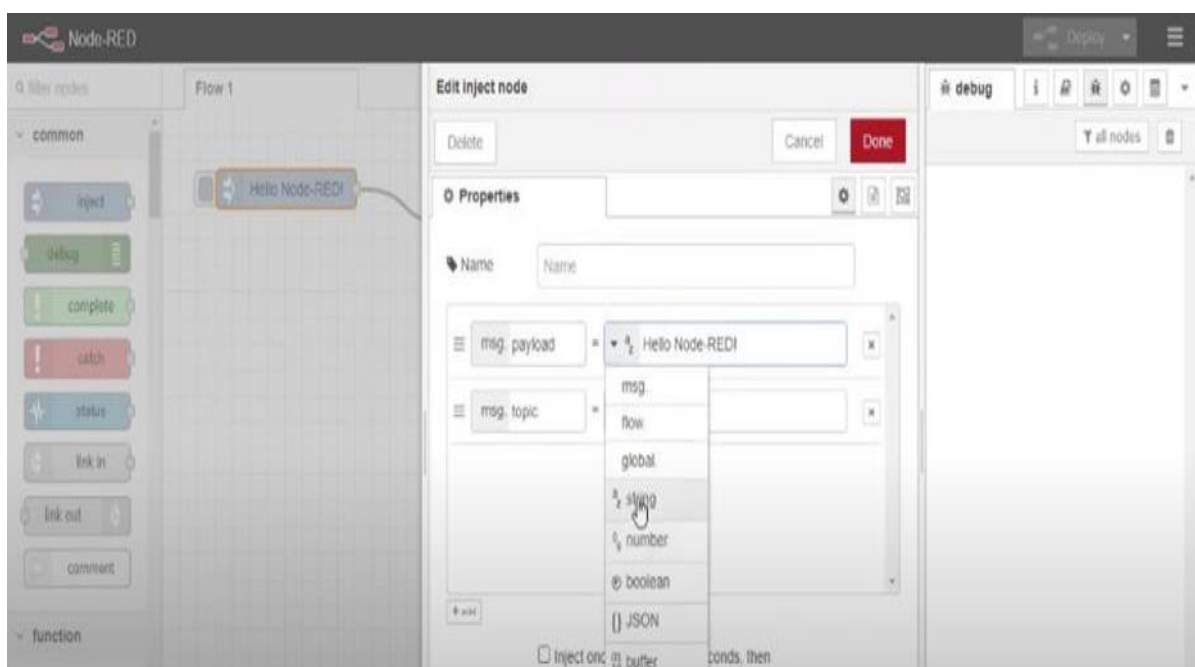
Delivery Pipelines

| | |
|------------|--|
| 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.