

## Create Node-RED Service

Date	17th November 2022
Team ID	PNT2022TMID23719
Project Name	Gas Leakage Monitoring and Alerting System for Industries
Maximum Mark	4 marks

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### Aim:

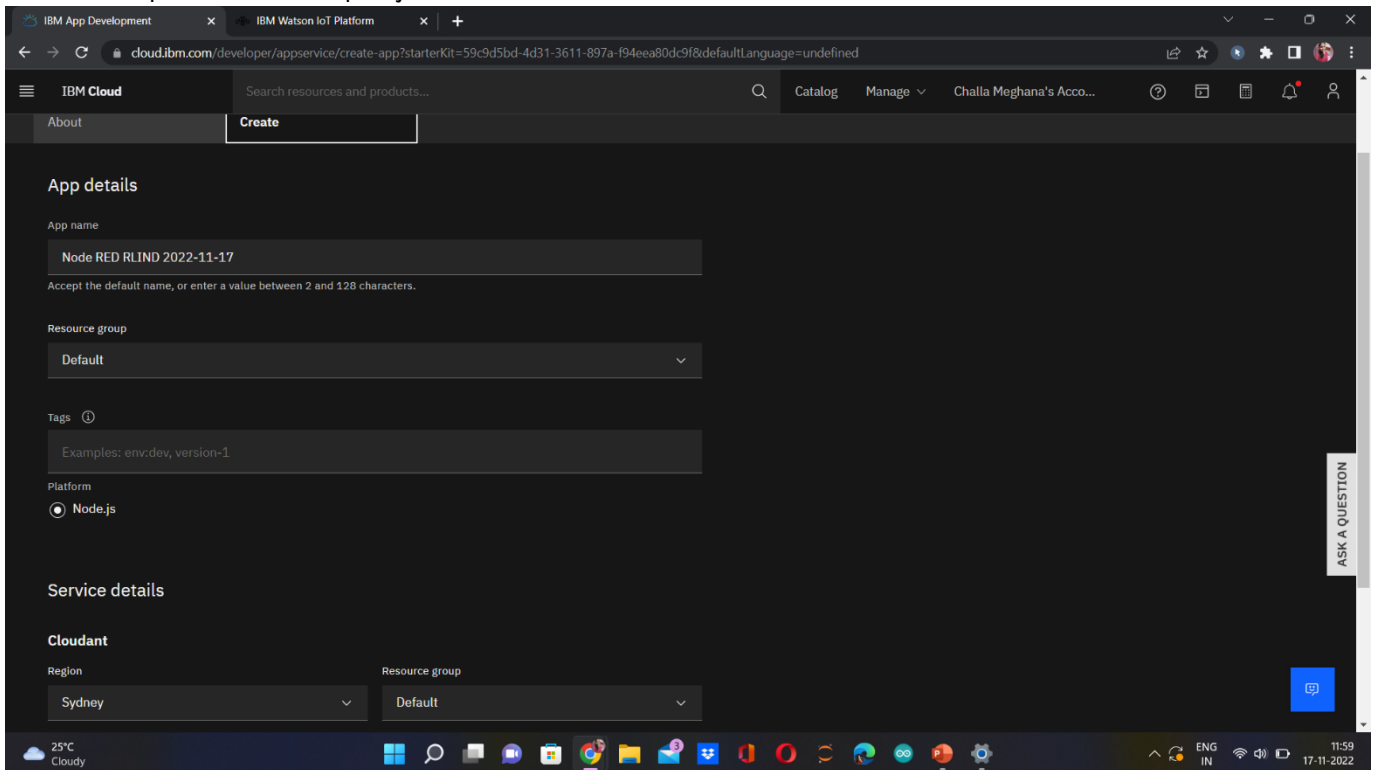
To create a web application, create a Node-RED service.

### • Steps :

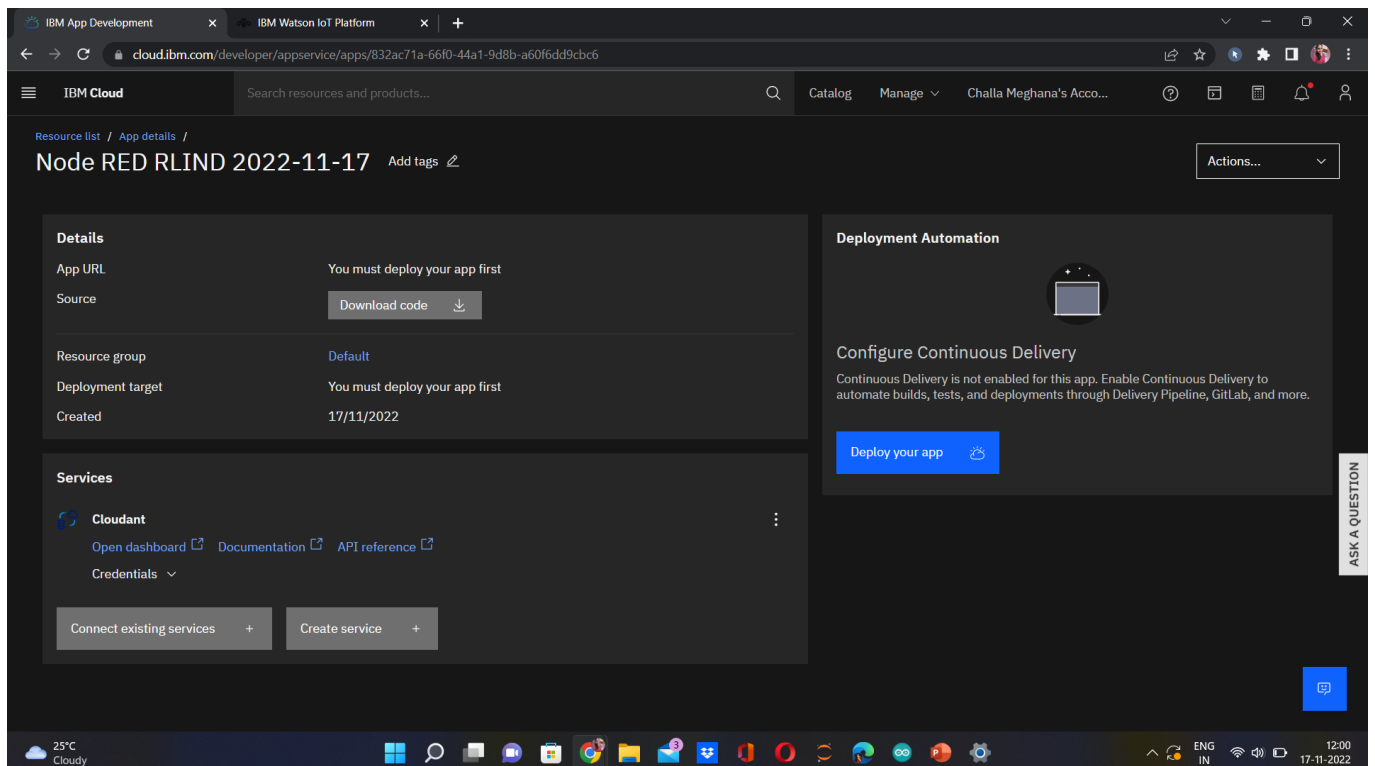
Step 1: Navigated to the App creation page.

The screenshot displays the IBM Cloud Developer console interface. The browser address bar shows the URL: `cloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-f94eea80dc9f&defaultLanguage=undefined`. The page title is "Node-RED". The left sidebar contains navigation links: "About", "Create", "Details", "Source code", "Helpful links", "Terms", and "Tutorial". The main content area is titled "Overview" and describes the Node-RED starter kit, which includes a pre-configured application, a Cloudant service for storing flow configuration, and instructions for using the IBM Cloud Developer Tools CLI. It also lists the benefits of the starter kit, such as generating an application with Node-RED, generating files for deployment to Cloud Foundry or a DevOps Pipeline, and connecting to provisioned services. A "What's included?" section highlights the inclusion of Cloudant, which is free to start. At the bottom, there is a "Get started" button. The bottom of the image shows a Windows taskbar with various application icons and a system tray displaying the date and time as 11:58 on 17-11-2022.

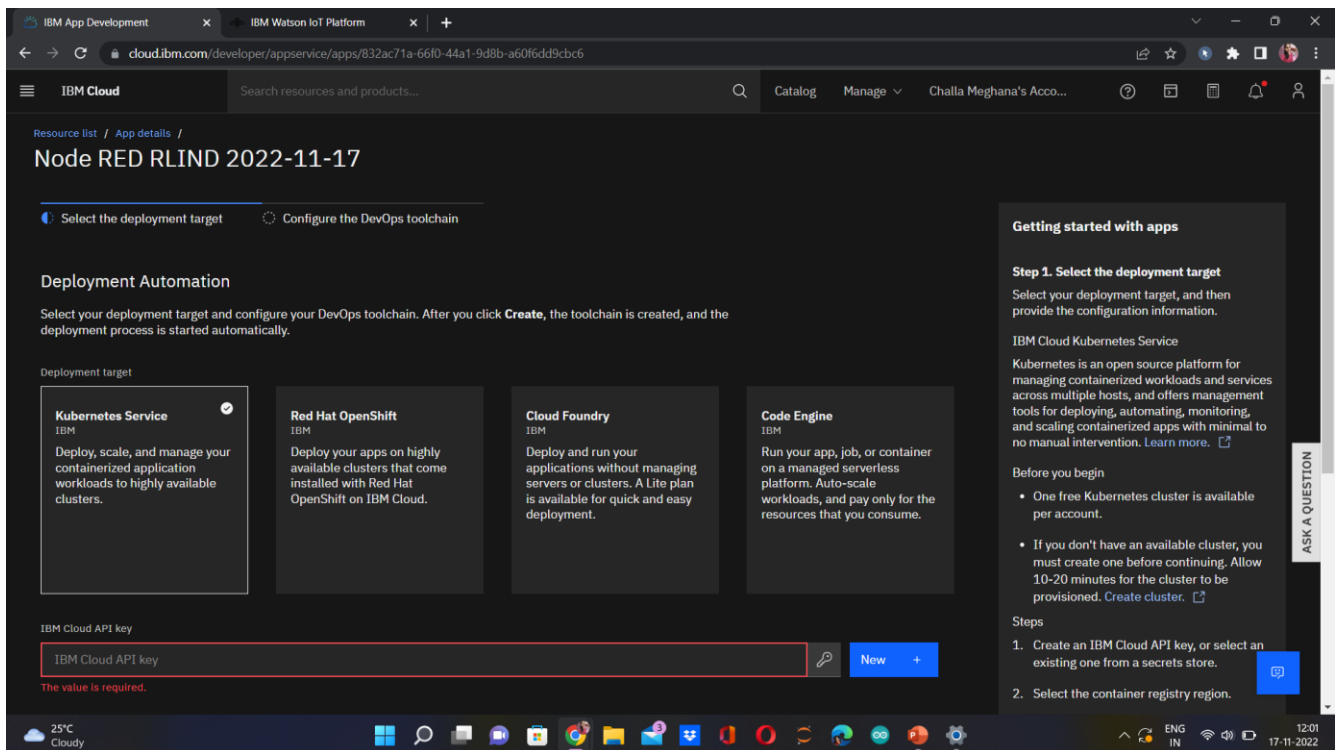
- Step 2: Entered project details and clicked on create



- Step 3: Clicking on the "Deploy your App" Button.



- Step 4: Setting up the environment for deploying.

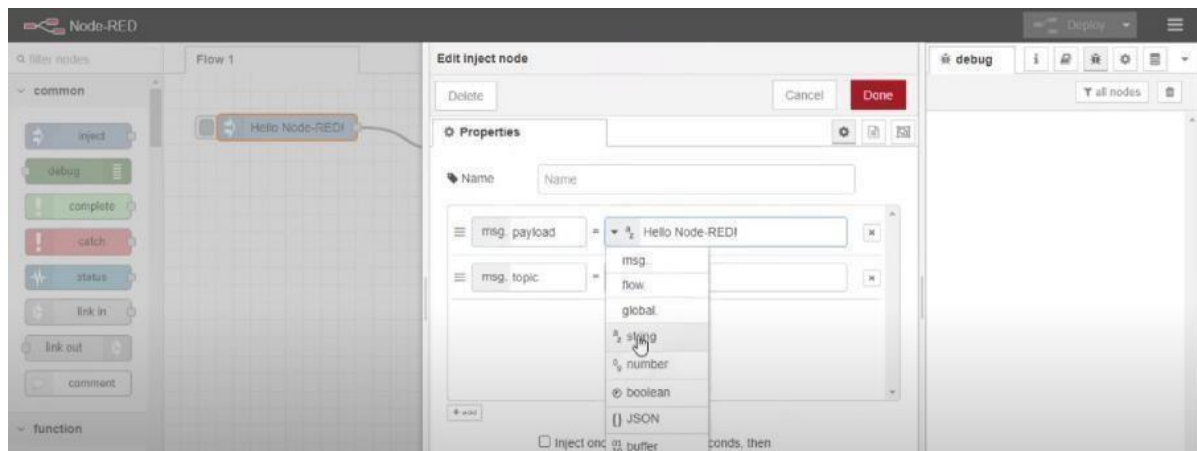


Step 5: Successfully deployed the app.

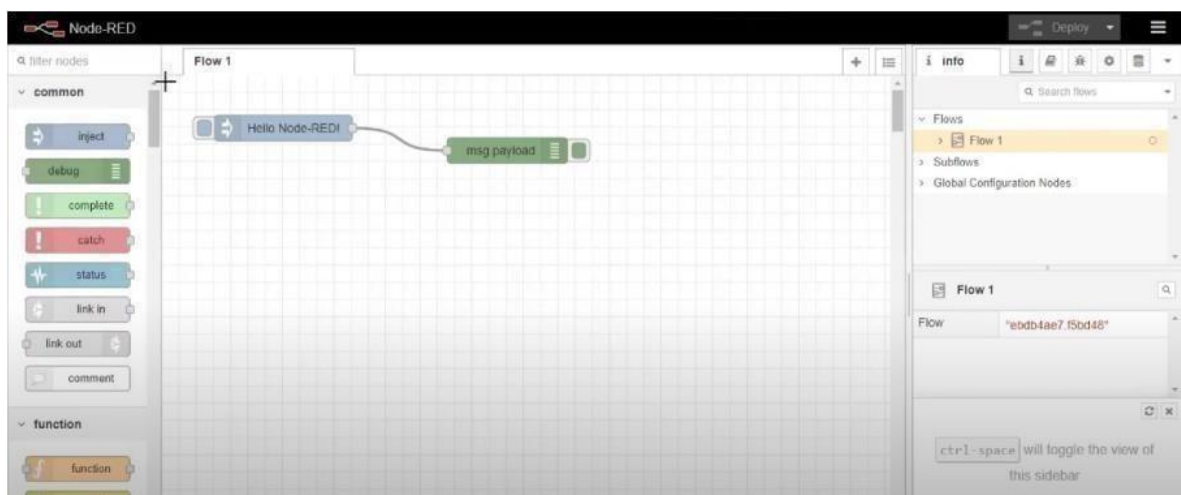
## Delivery Pipelines

Name	ci-pipeline <a href="#">↗</a>
Status	<span>✓</span> Success <a href="#">↗</a>
Last input	Last commit by IBM Cloud DevOps Services (7 minutes ago) <a href="#">Clone from zip</a> <a href="#">↗</a>

- Step 6: Drag and drop components into the editor.



- Step 7: Editing some values of the properties.



- Step 8: Successfully deployed the app.



**Result:**

Node -RED services on IBM cloud is Created successfully.