

Create Node-RED Service

Date	13 NOVEMBER 2022
Team ID	PNT2022TMID07177
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

Aim:

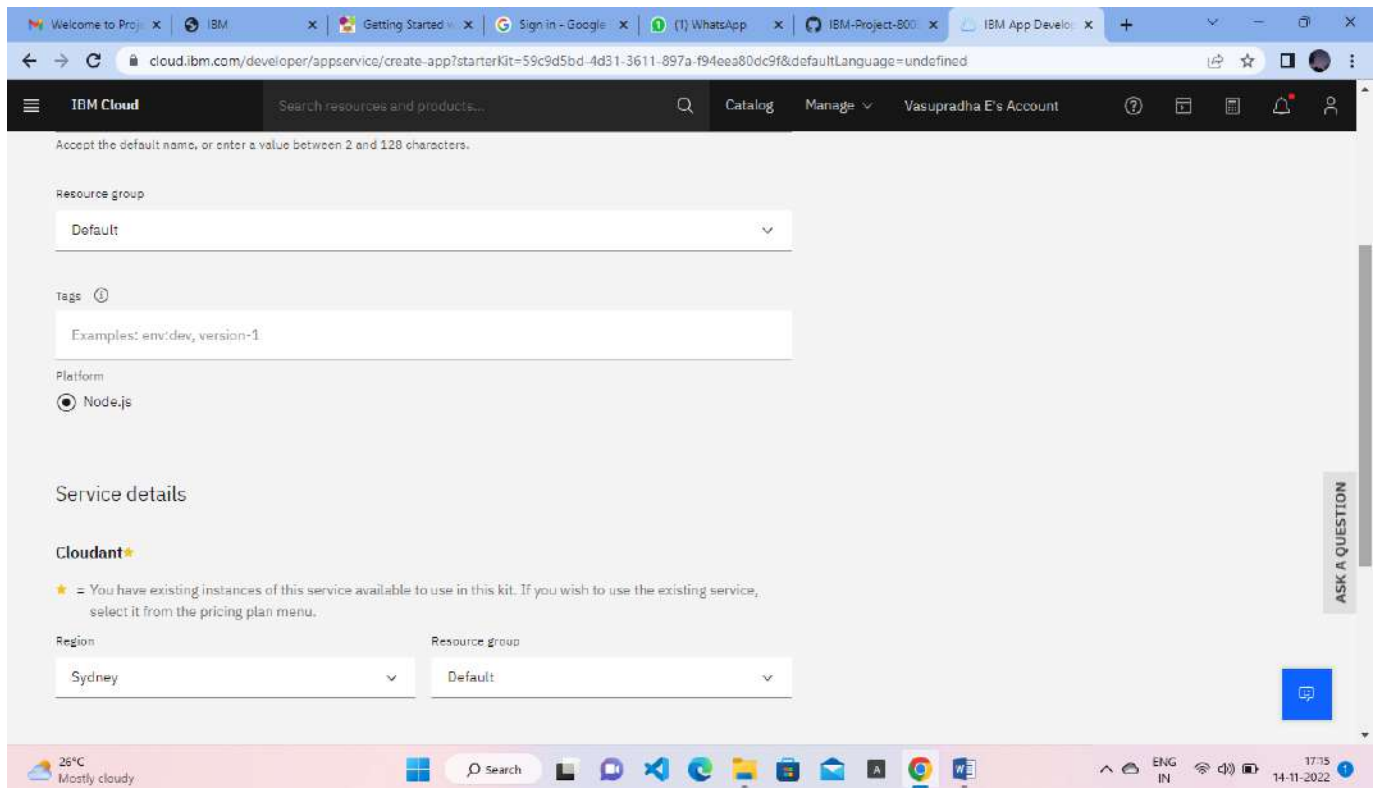
To create a web application, create a Node-RED service.

Steps to be followed

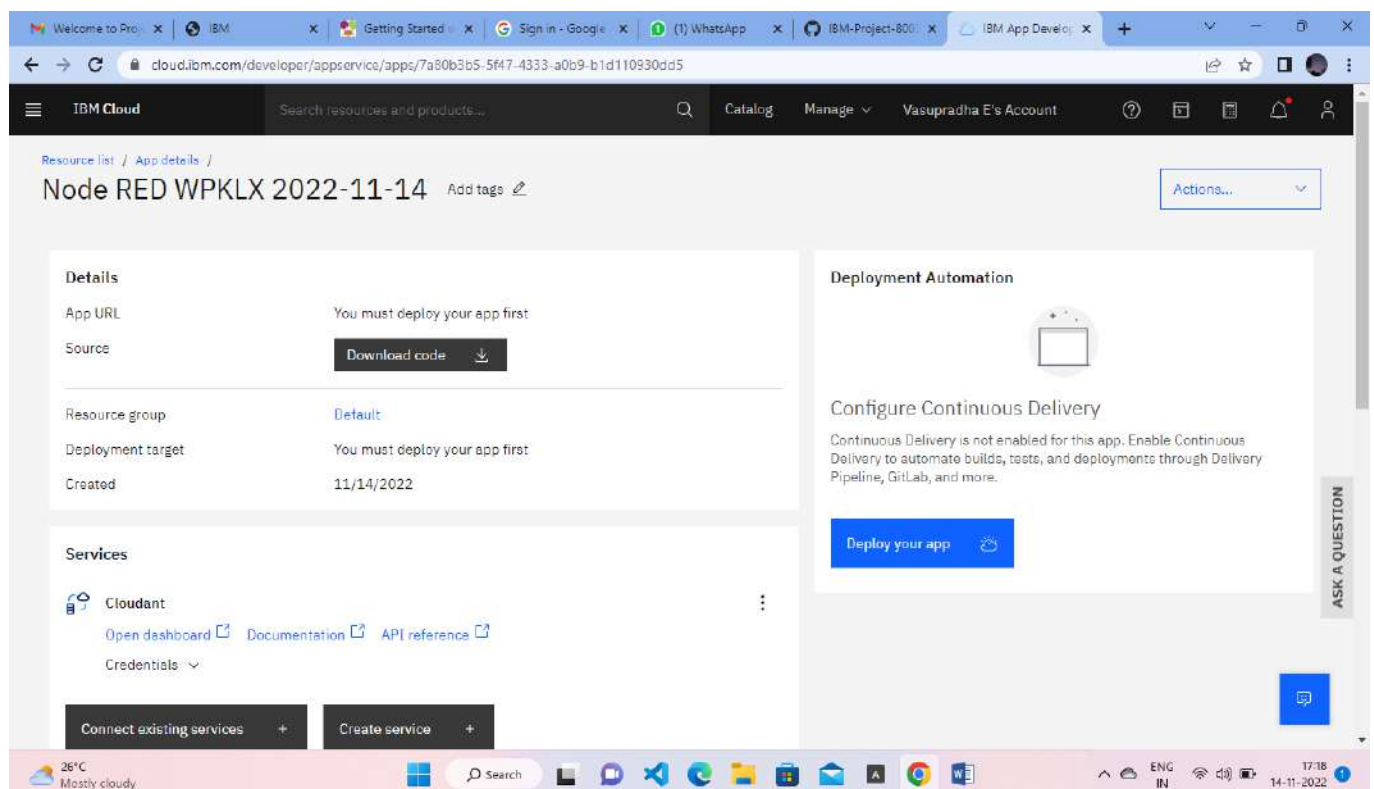
Step 1: Navigated to the App creation page.

The screenshot displays the IBM Cloud Developer console interface. The browser address bar shows the URL: `cloud.ibm.com/developer/appservice/create-app?starterKit=59c3d5bd-4d31-3611-897a-f94eea80dc9f&defaultLanguage=undefined`. The page title is "Node-RED". The left sidebar contains a "Details" section with the following information: Author: IBM, Updated: 2/11/2020, Type: Starter kit, Source code: GitHub, Helpful links: Terms, Tutorial. The main content area is titled "Overview" and describes 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." Below this, a section titled "This starter kit will help you" lists three bullet points: "Generate an application with Node-RED", "Generate an application with files for deploying to Cloud Foundry or a DevOps Pipeline", and "Connect to provisioned services". At the bottom, a section titled "What's included?" shows a "Cloudant" service with a "Free to start" label and links to "View docs" and "View API reference". The bottom of the image shows a Windows taskbar with the date and time as 14-11-2022, 17:35.

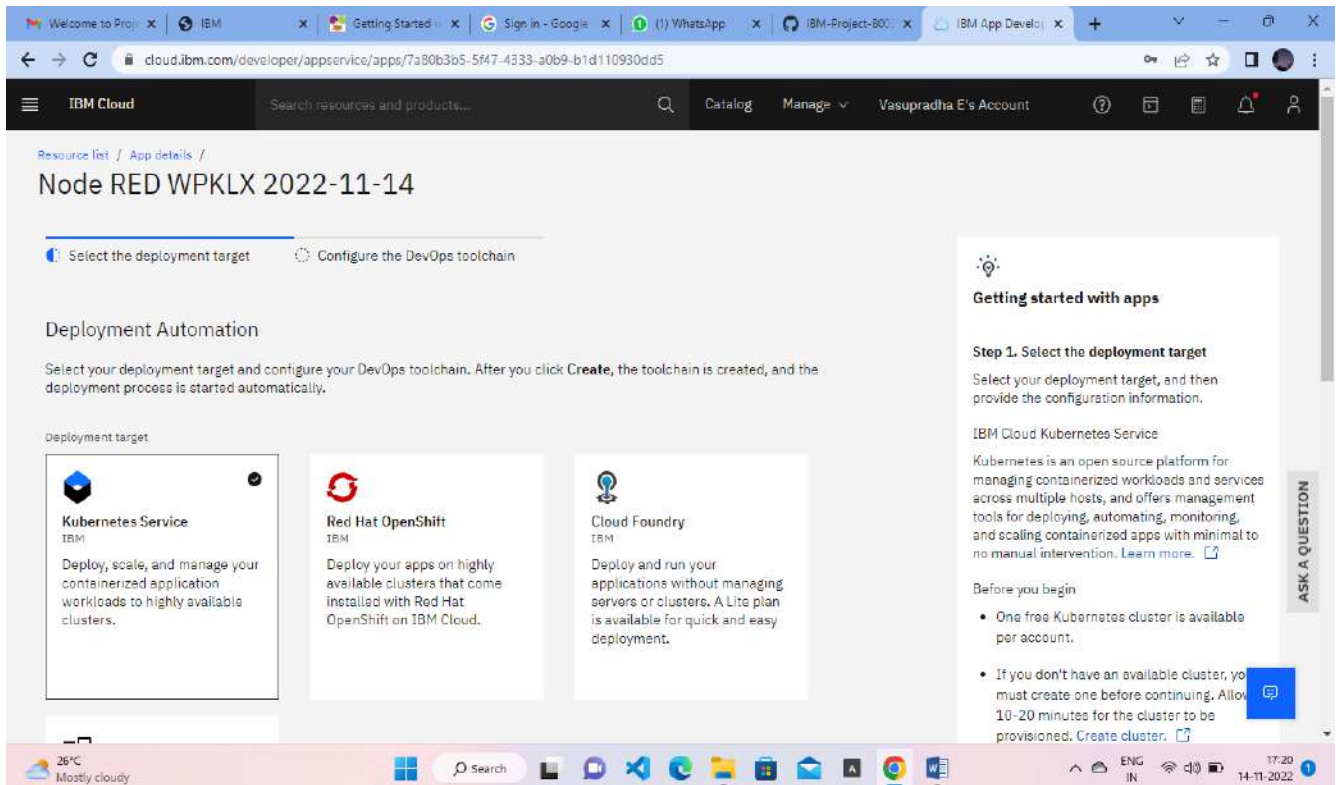
Step 2: Entered project details and clicked on create



Step 3: Clicking on the “Deploy your App” Button.



Step 4: Setting up the environment and deploying the app.

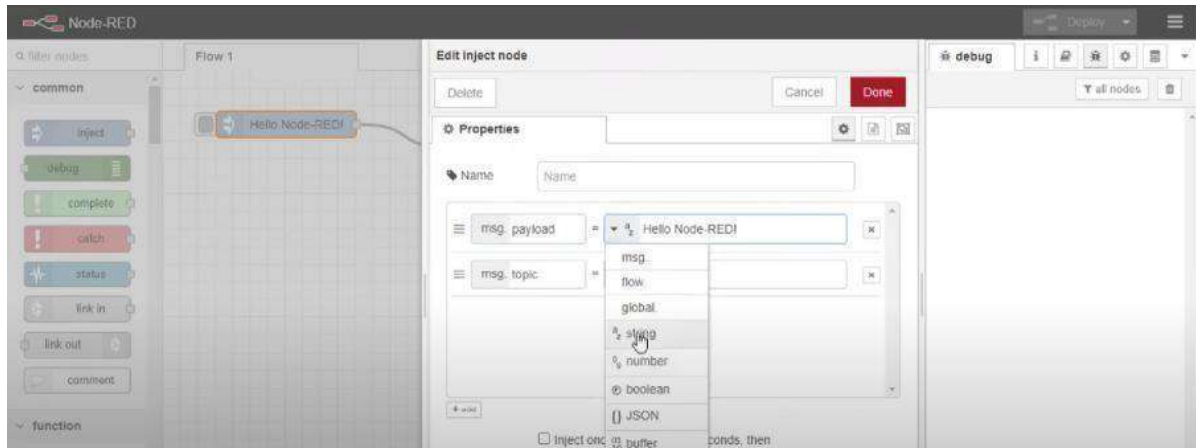


Step 5: Successfully deployed the app.

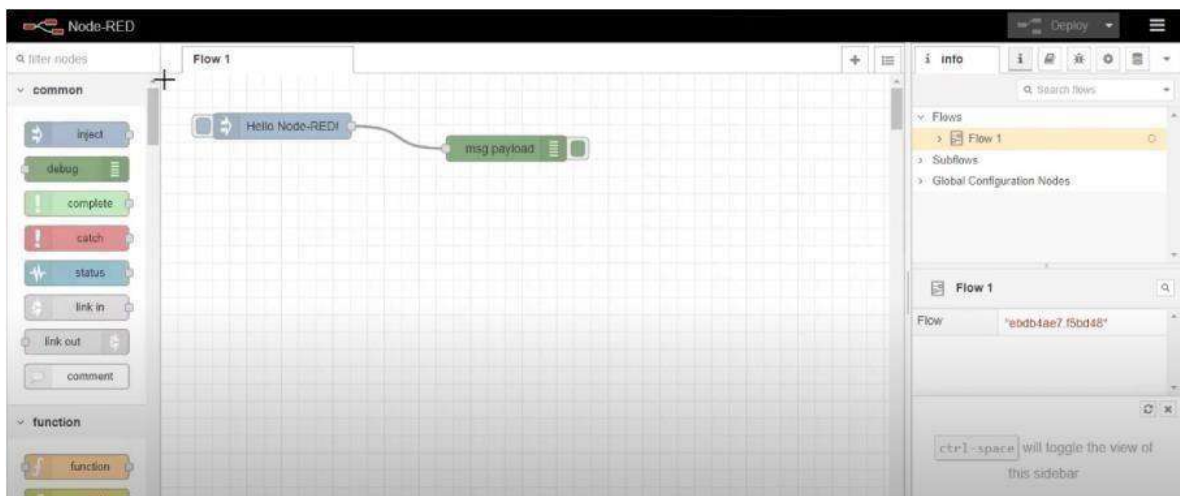
Delivery Pipelines

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

Step 6: Dragged and dropped components into the editor.



Step 7: Editing some values of the properties.



Step 8: Successfully deployed the app.



Result:

Successfully created a Node RED service on IBM Cloud.