

Create and Configure IBM Cloud Service

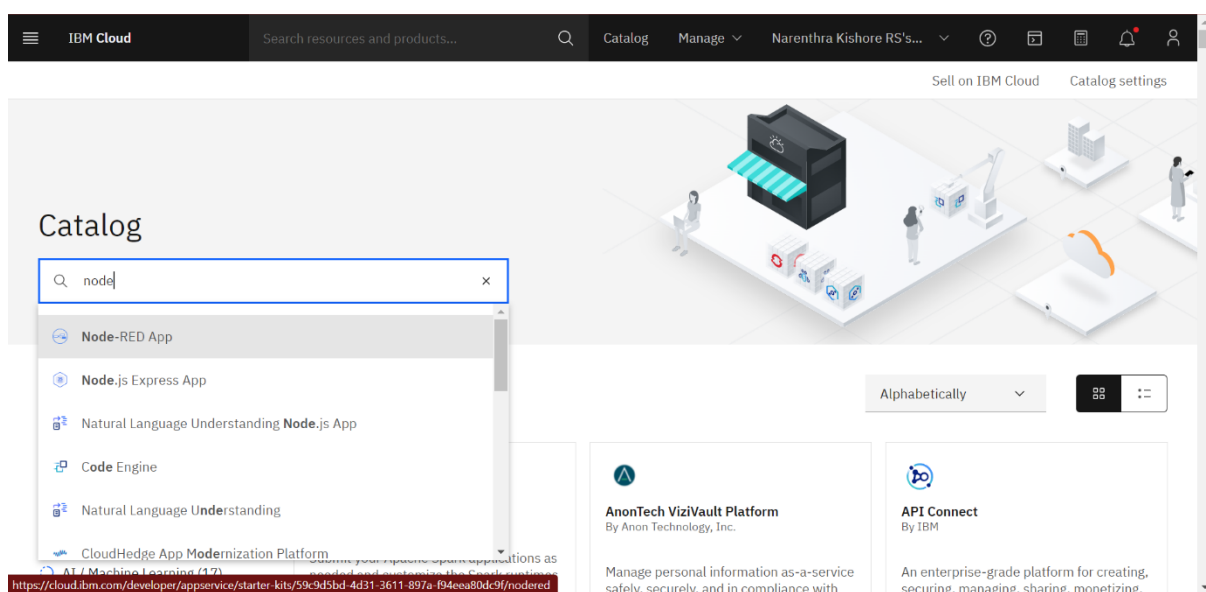
Create Node-RED Service

Team ID	PNT2022TMID14029
Project Name	Gas Leakage Monitoring and Alerting System

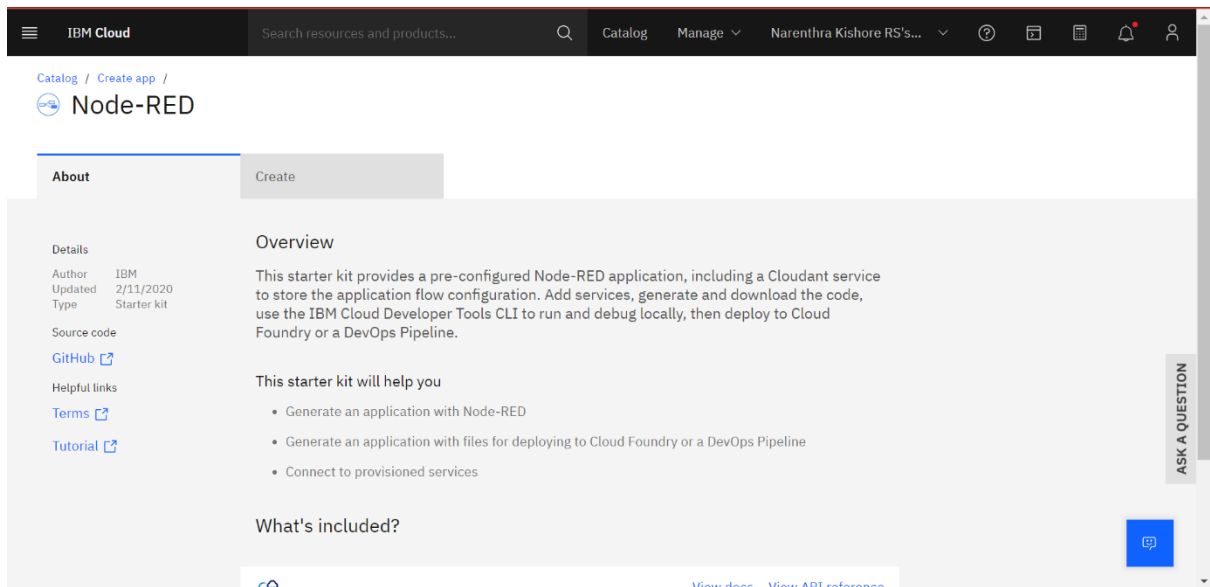
Aim :

To create a Node-RED Service.

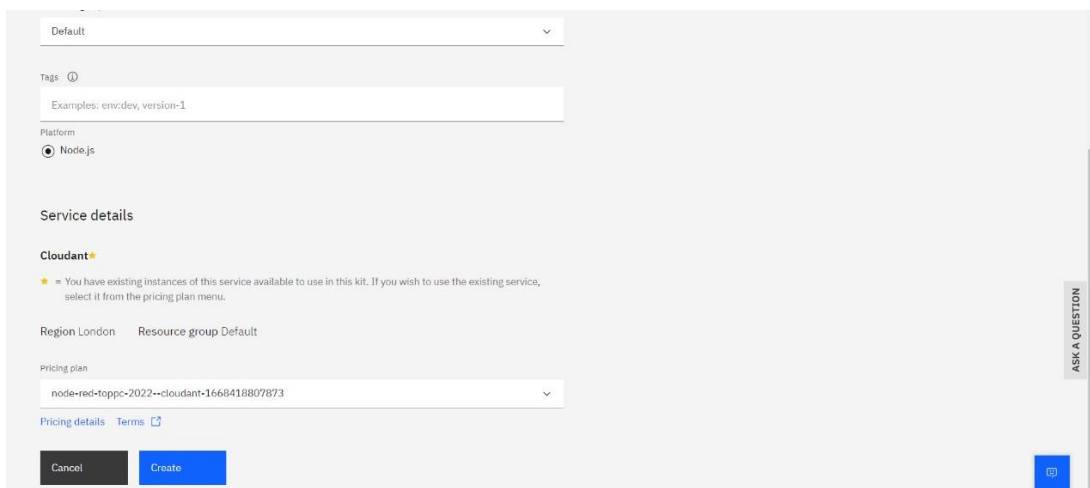
Step 1: Click on the catalog on the top, and click the node red app category



Step 2: A new window appears where we need to create Node-Red



Step 3: Entered project details and clicked on create.



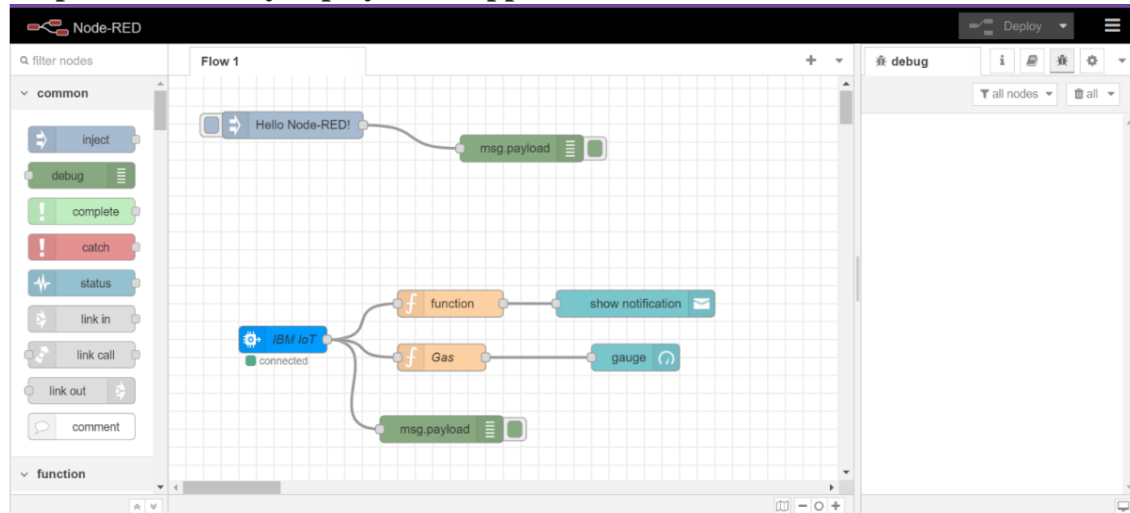
Step 4: Clicking on the “Deploy your App” Button and setting up the environment and deploying the app.

This screenshot shows the 'Deploy your App' configuration page in IBM Cloud Foundry. At the top, there is a warning banner: 'IBM Cloud Foundry Public is deprecated. Learn more'. Below this, the 'IBM Cloud API key' is entered in a text field. The 'Number of instances' is set to 1. The 'Memory allocation per instance' is shown as a slider between 64 MB and 256 MB, currently set at 256 MB. The 'Region' is set to 'London', the 'Organization' is 'KPR Institute Of Engineering And', and the 'Space' is 'Child_Safety'. The 'Host' is 'node-red-pmynz-2022-11-14' and the 'Domain' is 'eu-gb.mybluemix.net'. At the bottom are 'Cancel' and 'Next' buttons. On the right, a 'Steps' panel lists: 1. Select the number of instances, memory allocation, region, org, and space. 2. Select the domain and provide a host name. An 'ASK A QUESTION' button is at the bottom right.

Step 5: Configure the DevOps toolchain.

This screenshot shows the 'Configure the DevOps toolchain' page. The breadcrumb is 'Resource list / App details / Node RED PMYNZ 2022-11-14'. There are two tabs: 'Select the deployment target' and 'Configure the DevOps toolchain', with the second tab selected. The instruction says: 'Give your toolchain a name and select the region to create your toolchain in.' The 'DevOps toolchain name' is 'NodeREDPMYNZ2022-11-14'. Below it, a note says: 'Accept the default name, or enter a value up to 100 characters.' The 'Region' is set to 'London'. At the bottom are 'Back' and 'Create' buttons. On the right, a 'Getting started with apps' panel shows 'Step 2. Configure the DevOps toolchain' with instructions: 1. Provide a name for your toolchain. 2. Select the region where your toolchain is created. 3. Select the resource group that has access to your new toolchain. 4. After you're finished with your selections, click Create. An 'ASK A QUESTION' button is at the bottom right.

Step 6: Successfully deployed the app.



Result :

A Node-RED service on IBM Cloud has been created successfully.