

Create and Configure IBM Cloud Service

Create Node-RED Service

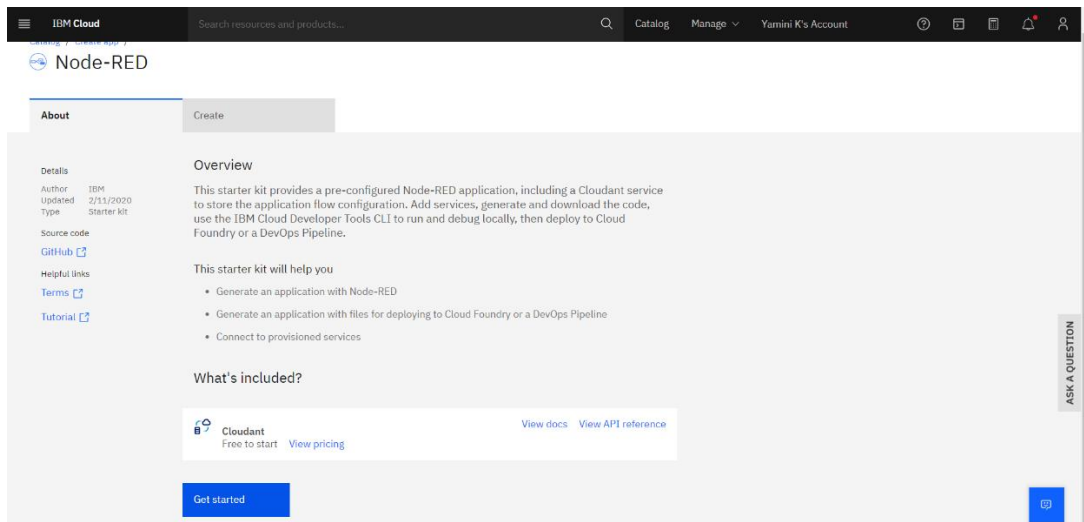
Team ID	PNT2022TMID14424
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification

Aim :

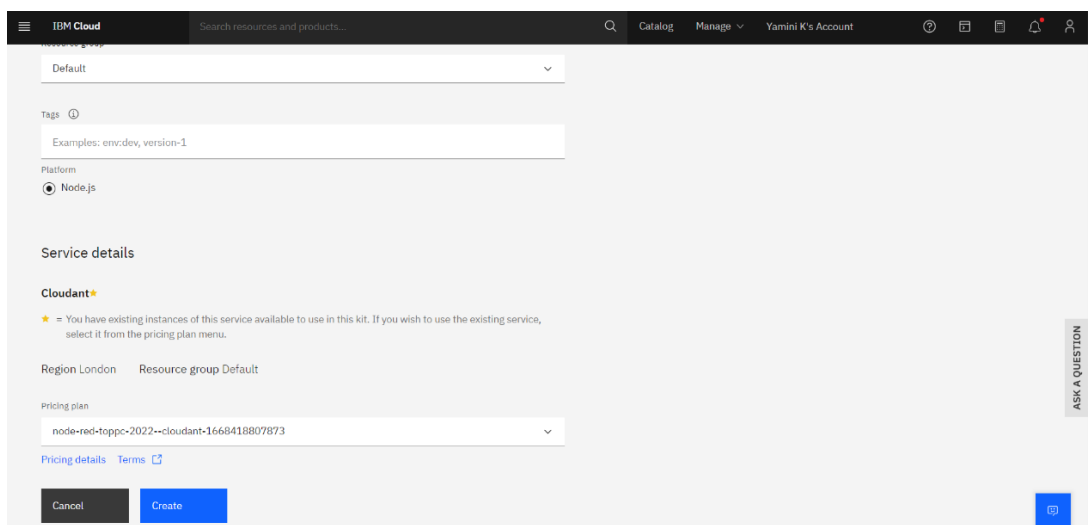
To create a Node-RED Service.

Steps :

1.After log in to IBM Cloud, Navigated to the App creation page.



2.Entered project details and clicked on create.



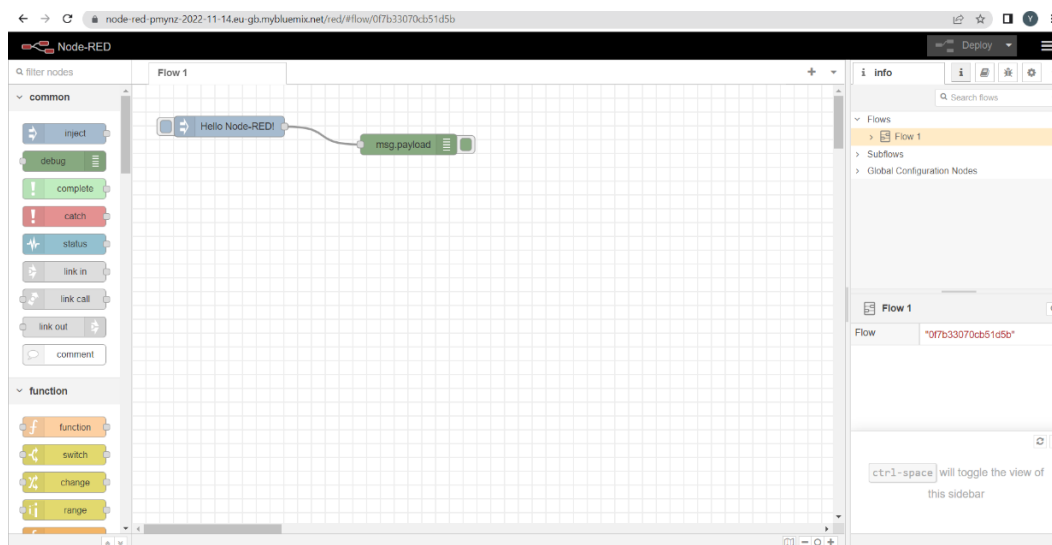
3. Clicking on the “Deploy your App” Button and setting up the environment and deploying the app.

The screenshot shows the IBM Cloud Foundry deployment wizard. At the top, there's a navigation bar with 'IBM Cloud', a search bar, and links to 'Catalog', 'Manage', and 'Yamini K's Account'. A notification banner states 'IBM Cloud Foundry Public is deprecated.' Below this, the 'IBM Cloud API key' is entered. The 'Number of instances' is set to 1. The 'Memory allocation per instance' is shown as a slider from 64 MB to 256 MB, currently at 64 MB. The 'Region' is 'London', 'Organization' is 'KPR Institute Of Engineering And', and 'Space' is 'Child_Safety'. The 'Host' is 'node-red-pmynz-2022-11-14' and the 'Domain' is 'eu-gh.mybluemix.net'. There are 'Cancel' and 'Next' buttons at the bottom. On the right, a sidebar provides steps: 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.

4. Configure the DevOps toolchain.

The screenshot shows the IBM Cloud DevOps toolchain configuration page. The breadcrumb is 'Resource list / App details / Node RED PMYNZ 2022-11-14'. The page has two tabs: 'Select the deployment target' and 'Configure the DevOps toolchain', with the second tab selected. The section title is 'Configure the DevOps toolchain'. Below it, 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'. The 'Region' is 'London'. There are 'Back' and 'Create' buttons at the bottom. On the right, a sidebar titled 'Getting started with apps' 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.

5. Successfully deployed the app.



Result :

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