

Create And Configure IBM Cloud Service

Create Node-RED Service

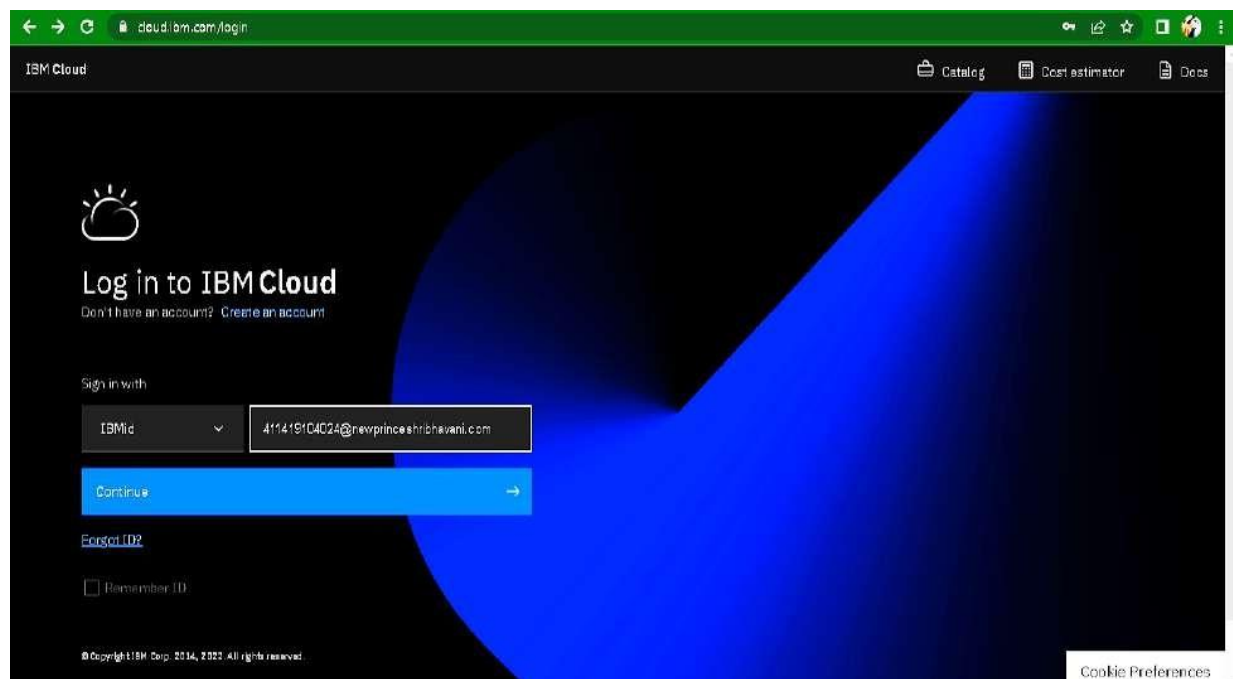
Date	28 October 2022
Team ID	PNT2022TMID19051
Project Name	IoT Based Safety Gadget For Child Safety Monitoring & Notification
Maximum Marks	4 Marks

AIM

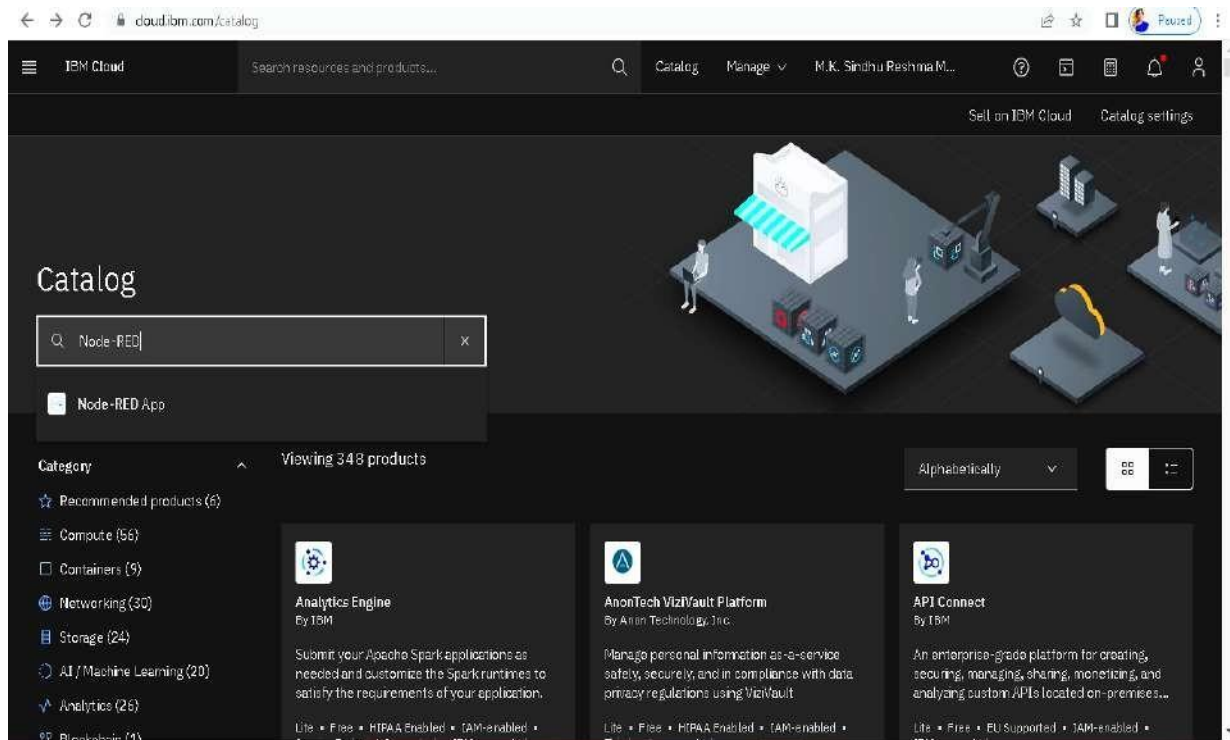
To Create Node-RED service.

STEPS

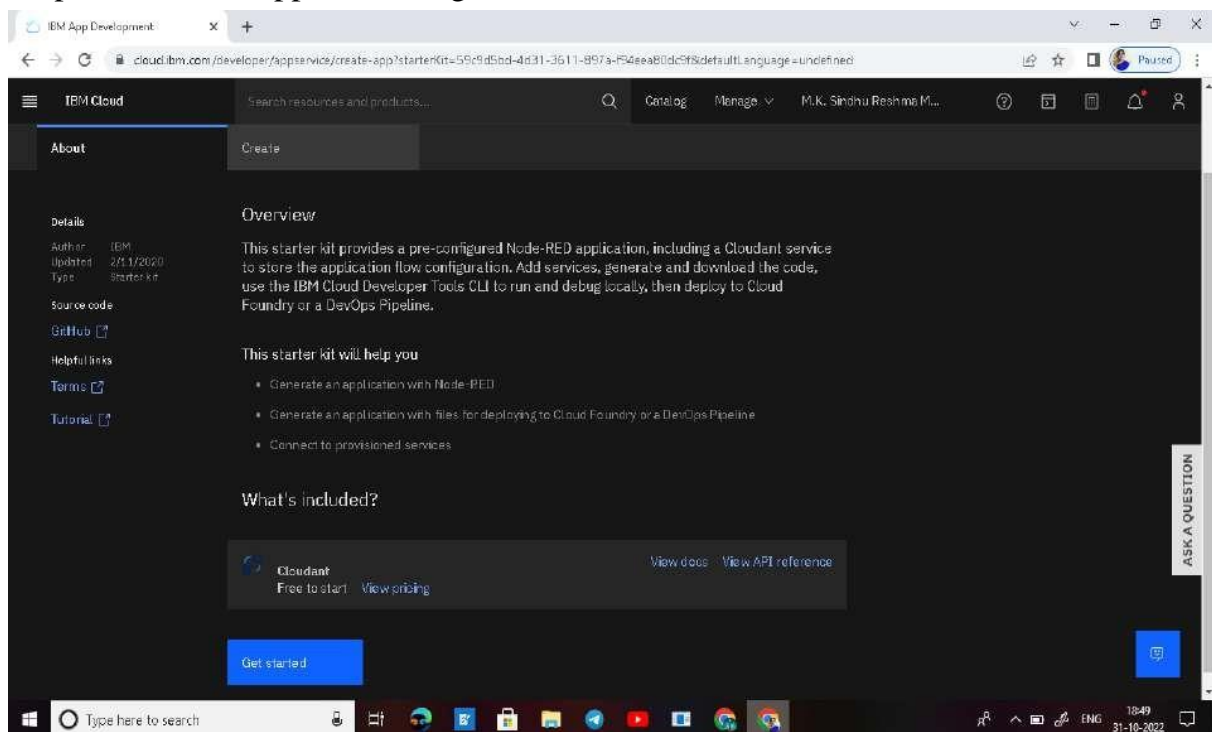
1.Login to IBM Cloud with smart internz mail ID and Password.



2.Go to Catalog and Search for Node-red App in the search bar.



3.Open Node-red App and click get start.



4. In next page click create.

The screenshot shows the 'Create app' page in the IBM Cloud Developer console. The browser address bar displays the URL: `dcloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-f94eea80dc9f&defaultLanguage=undefined`. The page header includes the IBM Cloud logo, a search bar, and navigation links for 'Catalog' and 'Manage'. The user's name 'M.K. Sindhu Reshma M...' is visible. The main content area is titled 'App details' and contains the following fields:

- App name:** A text input field containing 'Node RED LVSKV 2022-10-25'. Below it, a note states: 'Accept the default name, or enter a value between 2 and 128 characters.'
- Resource group:** A dropdown menu with 'Default' selected.
- Tags:** A text input field with the placeholder 'Example: env:dev,version:1'.
- Platform:** A radio button selection with 'Node.js' selected.

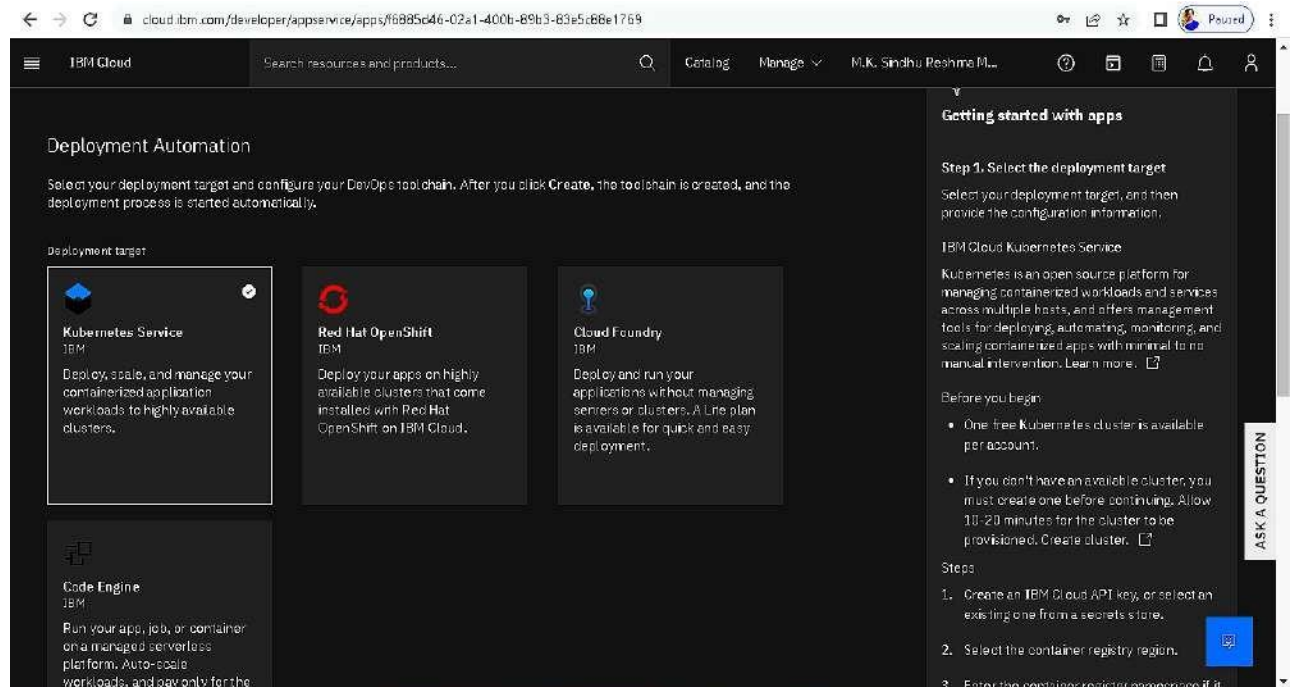
Below the 'App details' section is the 'Service details' section, which currently shows 'Cloudant'. A blue 'Create' button is located at the bottom right of the 'App details' section. A vertical 'ASK A QUESTION' button is on the right edge of the page.

The screenshot shows the 'App details' page for the app 'Node RED LVSKV 2022-10-25'. The browser address bar displays the URL: `dcloud.ibm.com/developer/appservice/apps/15dc1fe5-091c-4bd5-9ea4-2d4bf397cc5`. The page header is identical to the previous screenshot. The main content area is titled 'Node RED LVSKV 2022-10-25' and includes an 'Add tags' link and an 'Actions...' dropdown menu. The page is divided into two main sections:

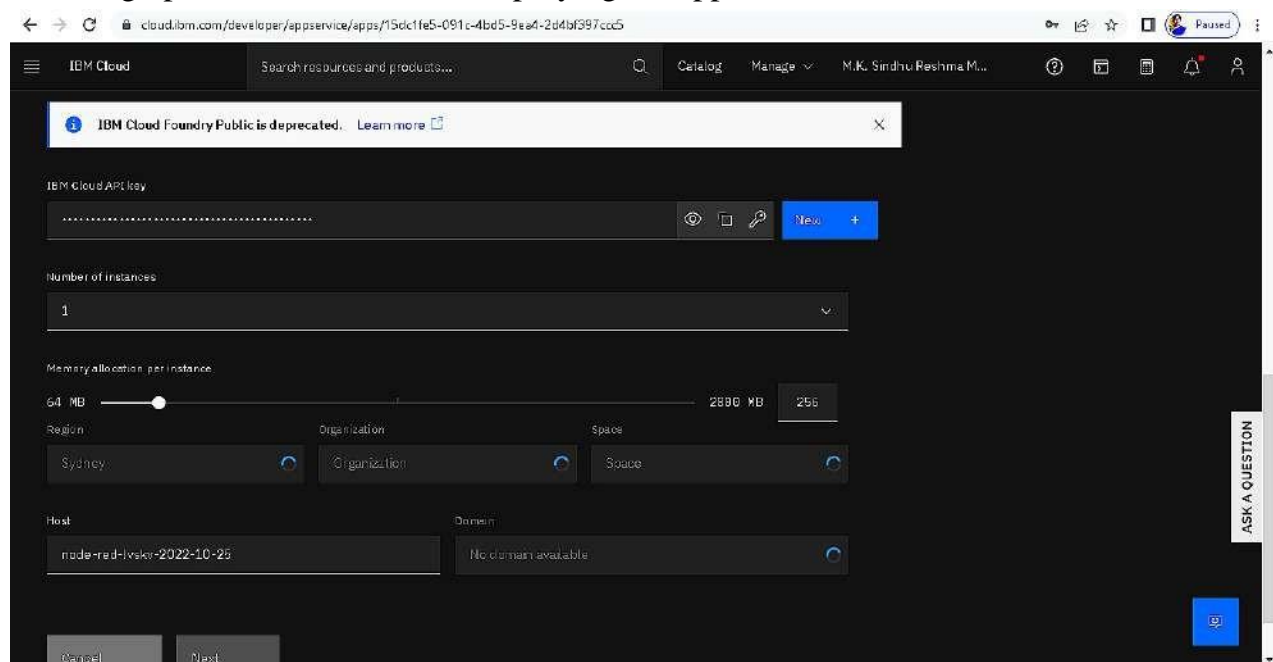
- Details:** A table-like section with the following information:
 - App URL:** 'You must deploy your app first'
 - Source:** A 'Download code' button with a download icon.
 - Resource group:** 'Default'
 - Deployment target:** 'You must deploy your app first'
 - Created:** '10/31/2022'
- Services:** A section showing the 'Cloudant' service. It includes links for 'Open dashboard', 'Documentation', and 'API reference', along with a 'Credentials' dropdown. At the bottom of this section are buttons for 'Connect existing services' and 'Create service'.

On the right side, there is a 'Deployment Automation' section with a 'Configure Continuous Delivery' card. This card states: 'Continuous Delivery is not enabled for this app. Enable Continuous Delivery to automate builds, tests, and deployments through Delivery Pipeline, GitLab, and more.' Below this card is a blue 'Deploy your app' button. A vertical 'ASK A QUESTION' button is on the right edge of the page.

5. Click Deploy your app and it come to this page and select cloud foundry.



6. Setting up the environment and deploying the app.

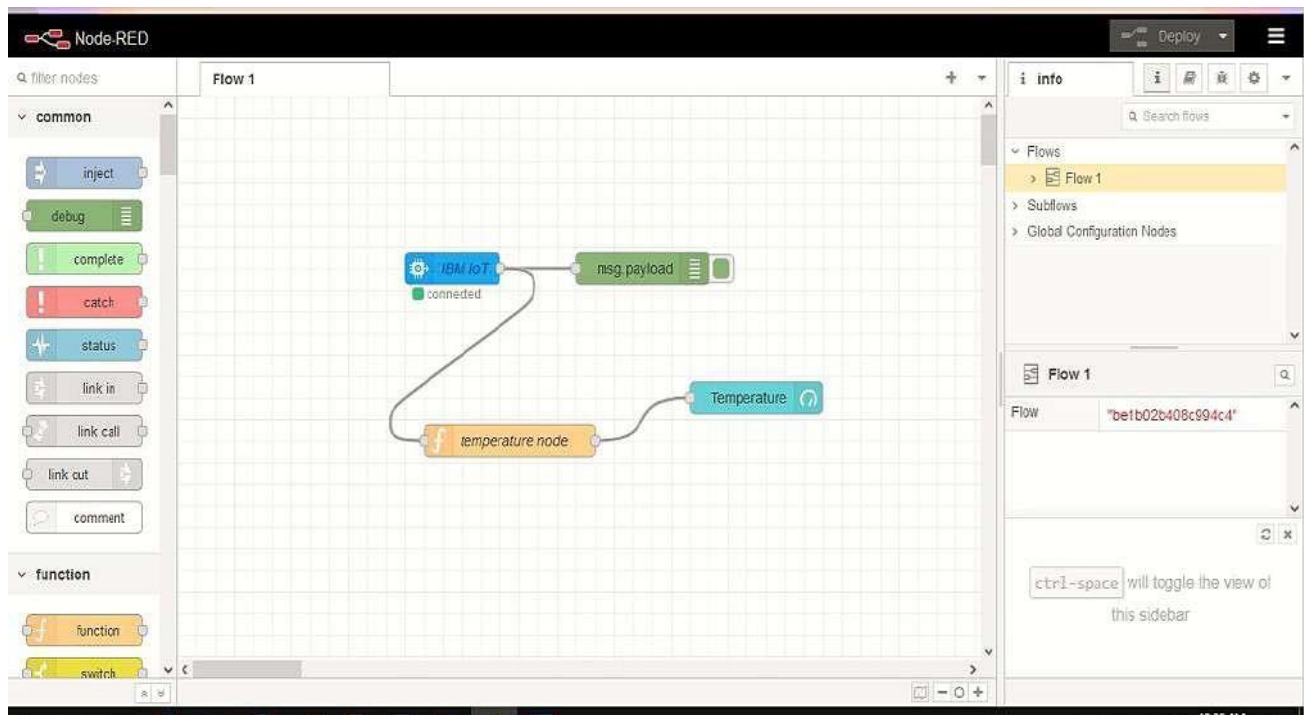


7. Successfully creating the app.

Delivery Pipelines

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

And it's work Successfully



RESULT:

Successfully created the Node-RED service.

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TEAM LEADER : SIAVARAMAKRISHNAN B
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TEAM MEMBER 2 : SOLAIKUMAR
TEAM MEMBER 3 : SRIKURUGOKUL
TEAM SIZE : 4

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