

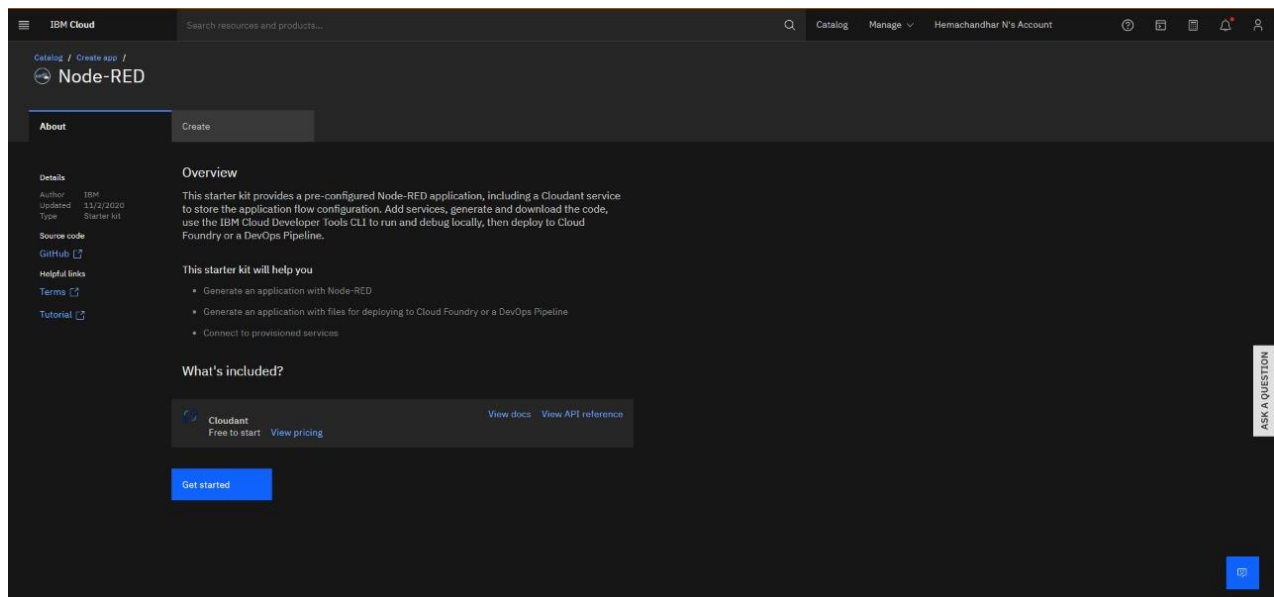
Create Node-RED Service

Date	06 NOVEMBER 2022
Team ID	PNT2022TMID32740
Project Name	Gas Leakage Monitoring and Alerting System

Aim: To create a web application create a Node-RED service.

Steps followed:

- Navigated to the App creation page



- Entered project details and clicked on create

IBM Cloud Search resources and products...

Catalog / Create app / Node-RED

About Create

App details

App name
Node RED LGOTE 2022-11-19
Accept the default name, or enter a value between 2 and 128 characters.

Resource group
Default

Tags
Example: env:dev, version:1

Platform
☒ Node.js

Service details

Cloudant*

* = You have existing instances of this service available to use in this kit. If you wish to use the existing service, select it from the pricing plan menu.

Region
London

Resource group
Default

IBM Cloud Search resources and products...

Resource list / App details / Node RED PVGDI 2022-11-18 Add tags

Actions...

Details

App URL
<http://159.122.186.99:32361>

Source
<https://eu-gb.git.cloud.ibm.com/813619106638/NodeREDPVGDI202...>

Resource group
Default

Deployment target
Kube/Helm

Created
18/11/2022

Services

Cloudant

Open dashboard Documentation API reference

Credentials

Connect existing services Create service

Deployment Automation

Name
NodeREDPVGDI2022-11-18

Location
London

Tool integrations

Delivery Pipelines

Name
ci-pipeline

Status
Success

Name
pr-pipeline

Status
No stages detected

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more](#).
2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.
5. If you make any changes to your app, be sure to deploy it again.

Building, running, and deploying your app locally

To build and run your app locally:

1. Run the `ibmcloud dev code <APPNAME>` command from the IBM Cloud CLI. [Learn more](#).
2. Run the following commands in a local development container from the app directory.

```
ibmcloud dev build
ibmcloud dev run
ibmcloud dev deploy
```

IBM Cloud Search resources and products...

Resource list / App details / Node RED LGOTE 2022-11-19 Add tags

Actions...

Details

App URL
You must deploy your app first

Source
[Download code](#)

Resource group
Default

Deployment target
You must deploy your app first

Created
19/11/2022

Services

Cloudant

Open dashboard Documentation API reference

Credentials

Connect existing services Create service

Deployment Automation

Configure Continuous Delivery

Continuous Delivery is not enabled for this app. Enable Continuous Delivery to automate builds, tests, and deployments through Delivery Pipeline, GitLab, and more.

[Deploy your app](#)

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