

Create Node-RED Service

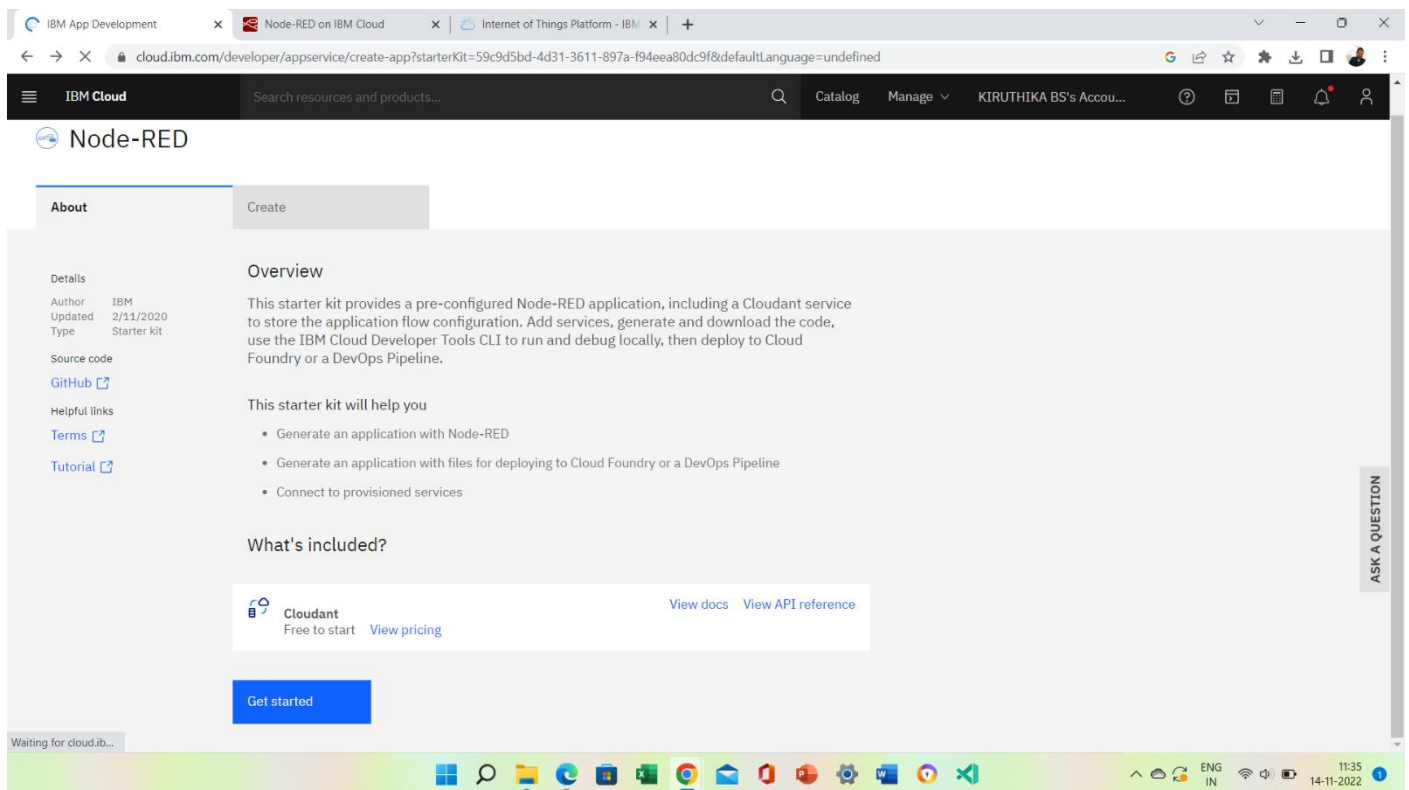
| | |
|--------------|---|
| Date | 3 NOVEMBER 2022 |
| Team ID | PNT2022TMID30535 |
| Project Name | GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES |

Aim:

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

Steps to be followed

Step 1: Navigated to the App creation page.



Step 2: Entered project details and clicked on create

The screenshot shows the IBM Cloud Developer console with the 'Create app' form for Node-RED. The form includes fields for Tags, Platform (Node.js), Service details, Cloudant, Region (London), Resource group (Default), and Pricing plan (node-red-mnhfg-2022--cloudant-1668258087344). The 'Create' button is highlighted in blue.

IBM App Development x Node-RED on IBM Cloud x Internet of Things Platform - IBM x +

cloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-f94eea80dc9f&defaultLanguage=undefined

IBM Cloud Search resources and products...

Default

Tags ⓘ

Examples: 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

Pricing plan

node-red-mnhfg-2022--cloudant-1668258087344

Pricing details Terms

Cancel Create

ASK A QUESTION

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

The screenshot shows the IBM Cloud Developer console with the 'Node RED MMGRR 2022-11-14' app details. The app is deployed to the 'mycluster-free' target. The 'Deployment Automation' section shows the 'ci-pipeline' status as 'Success'. The 'Services' section shows the 'Cloudant' service. The 'Getting started quickly' sidebar provides instructions for configuring the app.

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cloud.ibm.com/developer/appservice/apps/2e4591ea-2c37-45cc-be90-7c82905621ec

IBM Cloud Search resources and products...

Resource list / App details /

Node RED MMGRR 2022-11-14 Add tags

Actions...

Details

App URL <http://169.51.206.30:32671/>

Source <https://us-south.git.cloud.ibm.com/kiruthikjb28/NodeREDMMGRR...>

Resource group Default

Deployment target mycluster-free

Created 11/14/2022

Services

Cloudant

Open dashboard Documentation API reference

Credentials

Connect existing services Create service

Deployment Automation

Name NodeREDMMGRR2022-11-14

Location Dallas

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

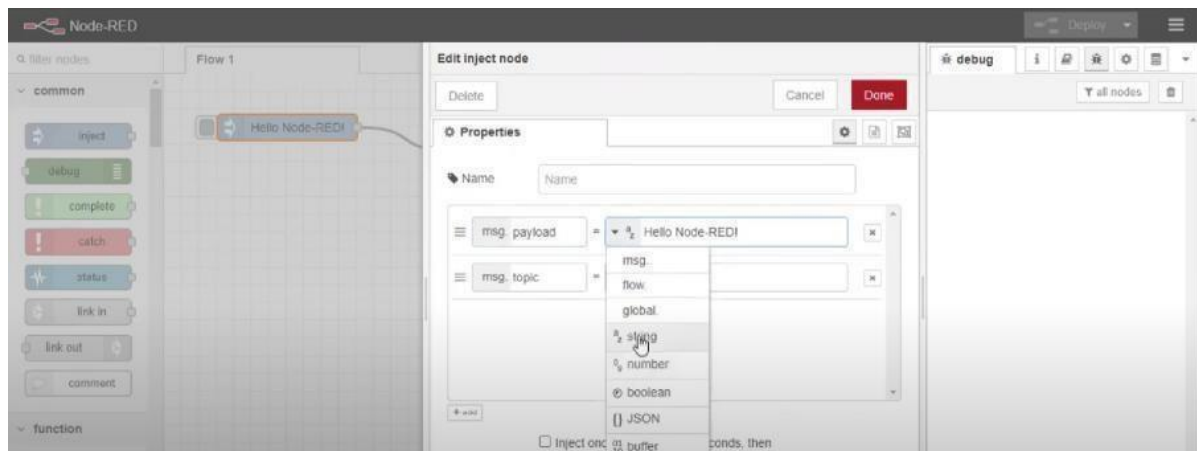
ASK A QUESTION

Step 4: Successfully deployed the app.

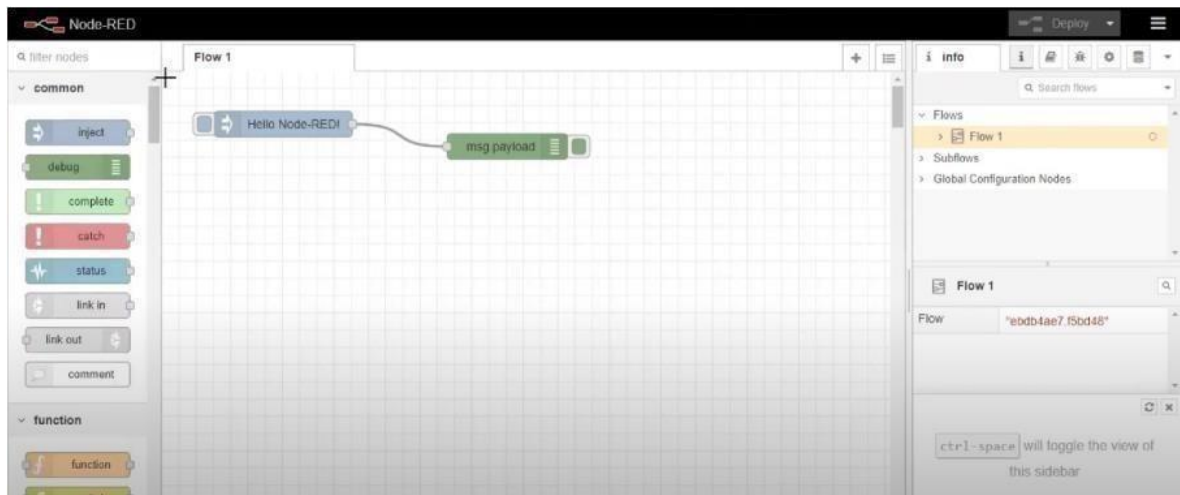
Delivery Pipelines

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

Step 5: Dragged and dropped components into the



Step 6: Editing some values of the properties.



Step 7: Successfully deployed the app.



Result:

Successfully created a Node RED service on IBM Cloud.

