

# Create Node-RED Service

Team ID	PNT2022TMID04029
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES
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## Aim:

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

## Steps to be followed

**Step 1:** Navigated to the App creation page.

The screenshot shows the IBM Cloud interface for creating a Node-RED application. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Devaprakash S's Account). The main header displays 'Catalog / Create app / Node-RED'. Below this, there are tabs for 'About' and 'Create'. The 'About' tab is active, showing details about the Node-RED starter kit. The 'Overview' section describes the starter kit as a pre-configured Node-RED application with a Cloudant service for storing configuration. It lists three key features: generating an application with Node-RED, generating files for deployment to Cloud Foundry or DevOps Pipeline, and connecting to provisioned services. A 'What's included?' section highlights the inclusion of Cloudant, which is free to start. Links for 'View docs' and 'View API reference' are provided. A 'Get started' button is located at the bottom left, and an 'ASK A QUESTION' button is on the right side.

IBM Cloud

Search resources and products...

Catalog Manage Devaprakash S's Account

Catalog / Create app / Node-RED

About Create

Details

Author IBM  
Updated 2/11/2020  
Type Starter kit

Source code  
GitHub

Helpful links  
Terms  
Tutorial

Overview

This starter kit provides a pre-configured Node-RED application, including a Cloudant service to store the application flow configuration. Add services, generate and download the code, use the IBM Cloud Developer Tools CLI to run and debug locally, then deploy to Cloud Foundry or a DevOps Pipeline.

This starter kit will help you

- Generate an application with Node-RED
- Generate an application with files for deploying to Cloud Foundry or a DevOps Pipeline
- Connect to provisioned services

What's included?

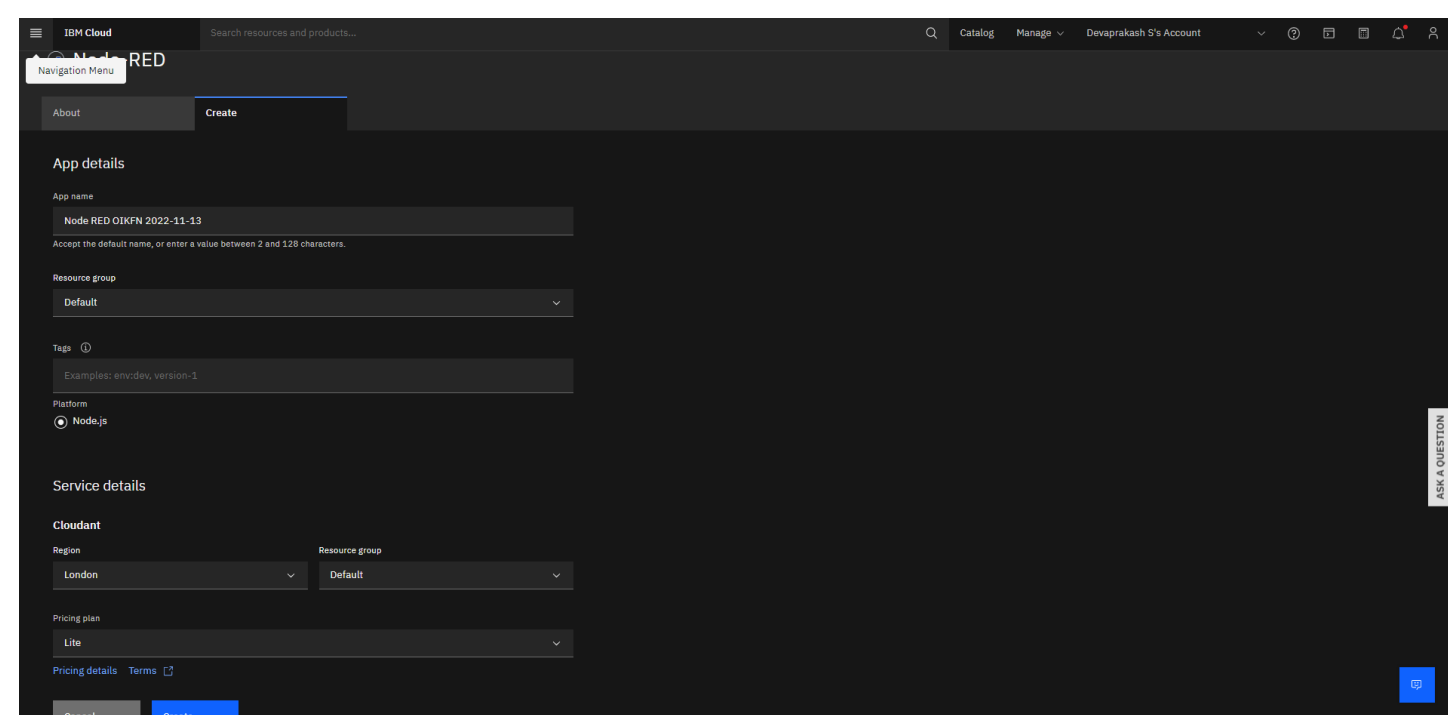
Cloudant  
Free to start View pricing

View docs View API reference

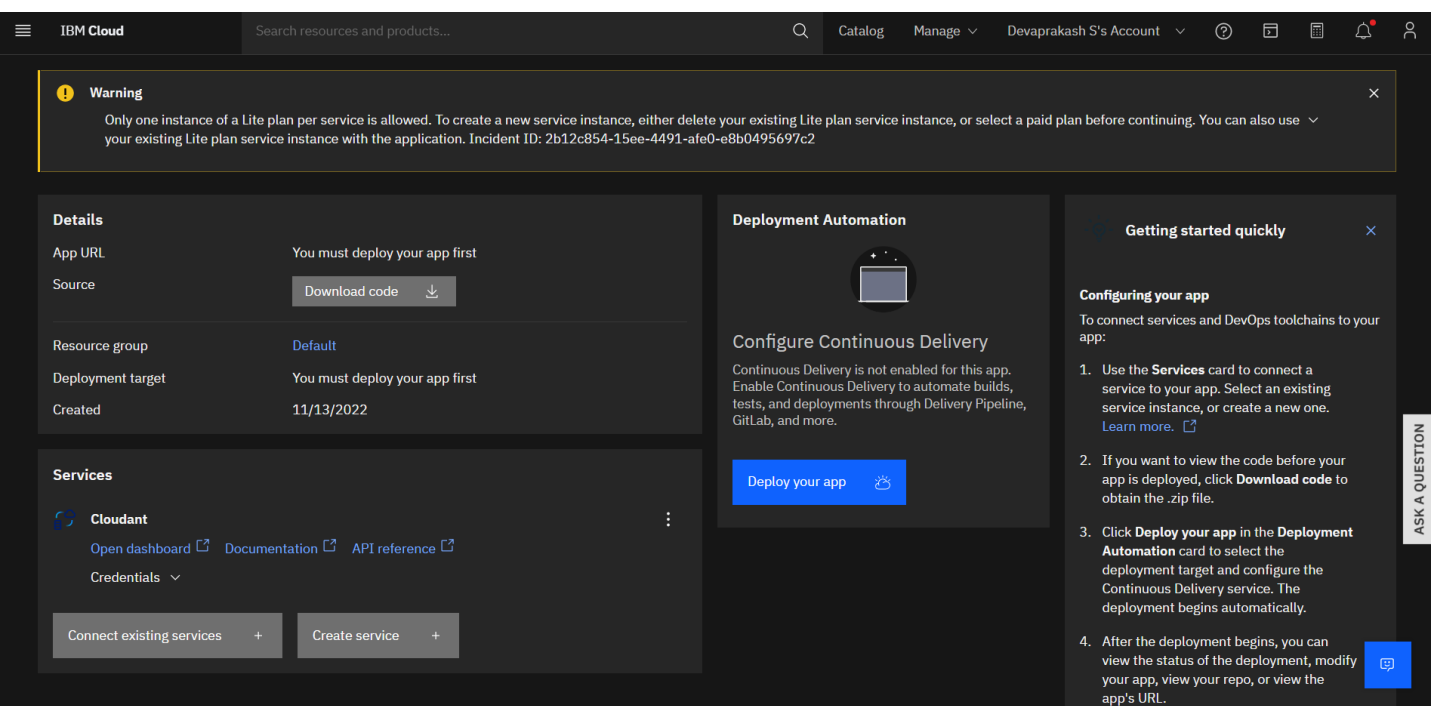
Get started

ASK A QUESTION

Step 2: Entered project details and clicked on create.



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



Step 4: Setting up the environment and deploying the app

IBM Cloud

Search resources and products...

Catalog

Manage

Devaprakash S's Account

?

clusters.

Openshift on IBM Cloud.

is available for quick and easy deployment.

workloads, and pay only for the resources that you consume.

IBM Cloud Foundry Public is deprecated. [Learn more](#)

IBM Cloud API key

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👁️ 📄 🔑

New +

Number of instances

1

Memory allocation per instance

64 MB

2000 MB

256

Region

London

Organization

Devaprakash

Space

weather monitor 1

Host

node-red-oikfn-2022-11-13

Domain

eu-gb.mybluemix.net

Cancel

Next

↺

ASK A QUESTION

Step 5: Successfully deployed the app.

Deployment Automation

NameNodeREDOIKFN2022-11-13

LocationLondon

Tool integrations🔗 🔄 🔄

Delivery Pipelines

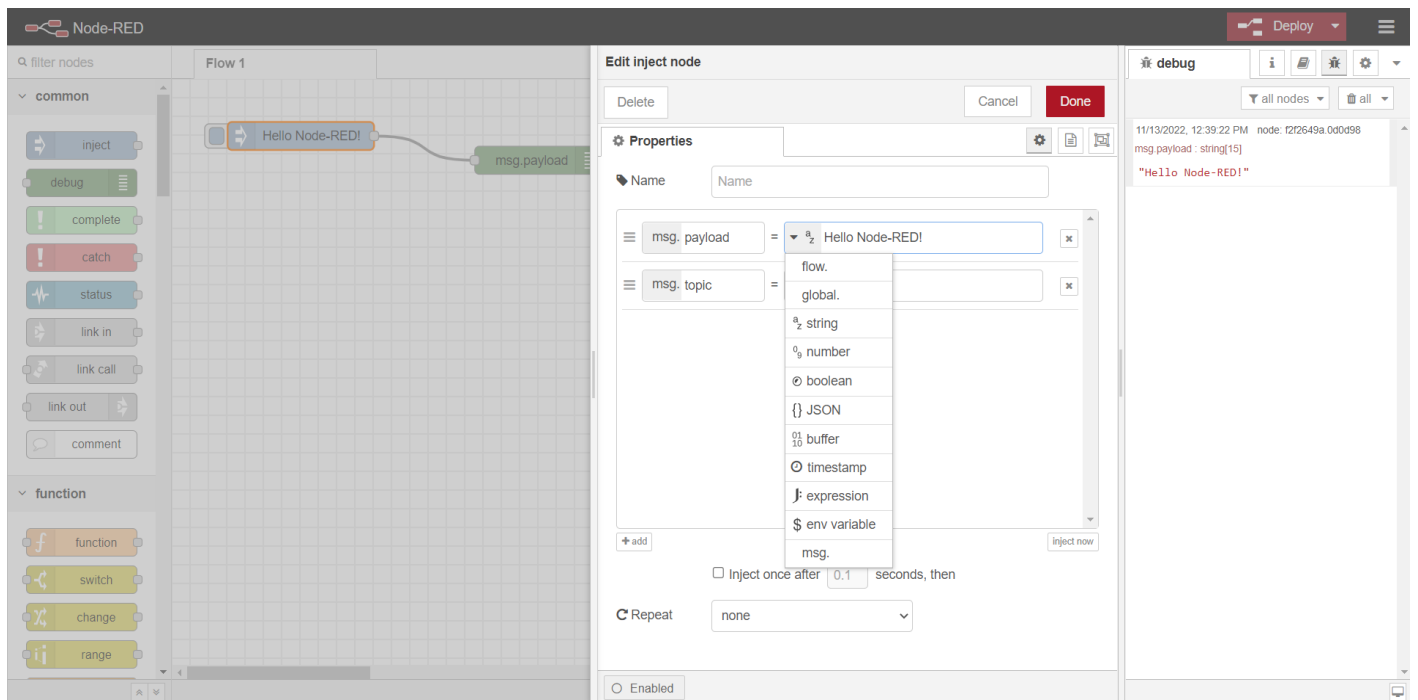
Nameci-pipeline

Status✔ Success

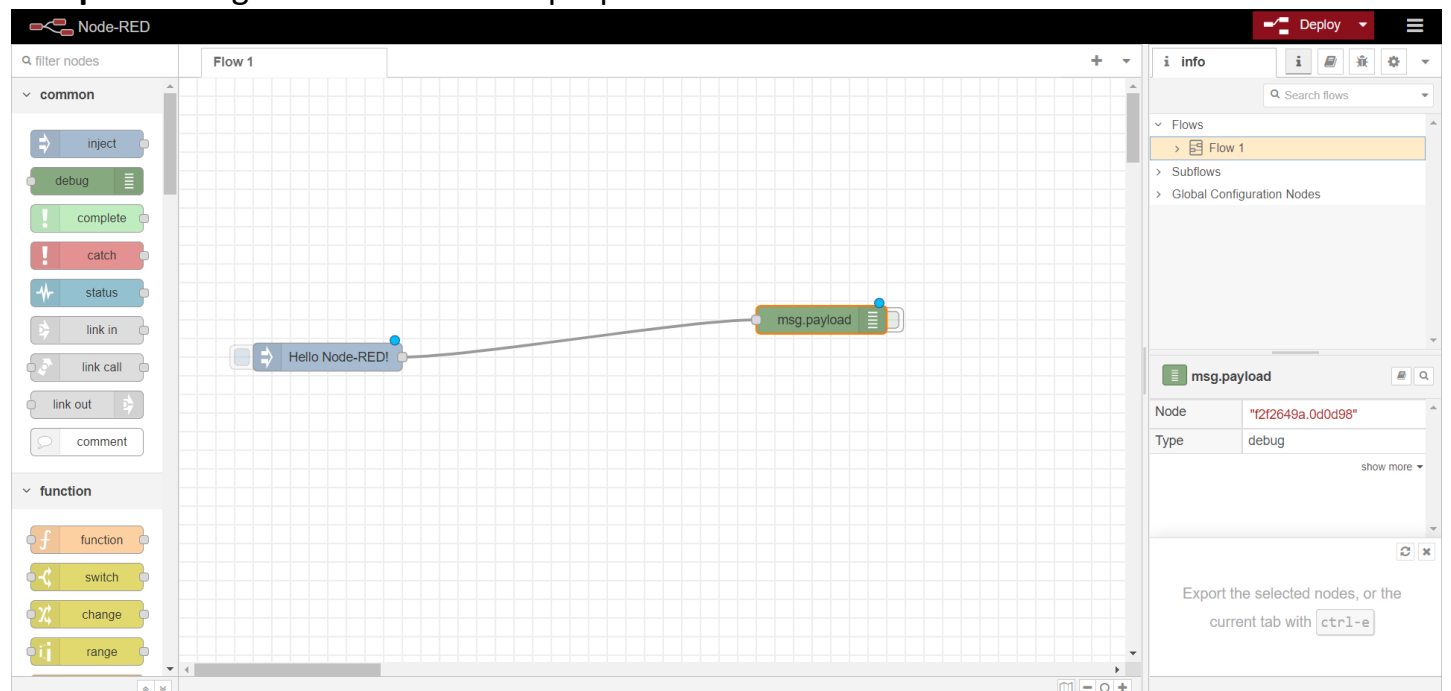
Namepr-pipeline

Status🔄 No stages detected

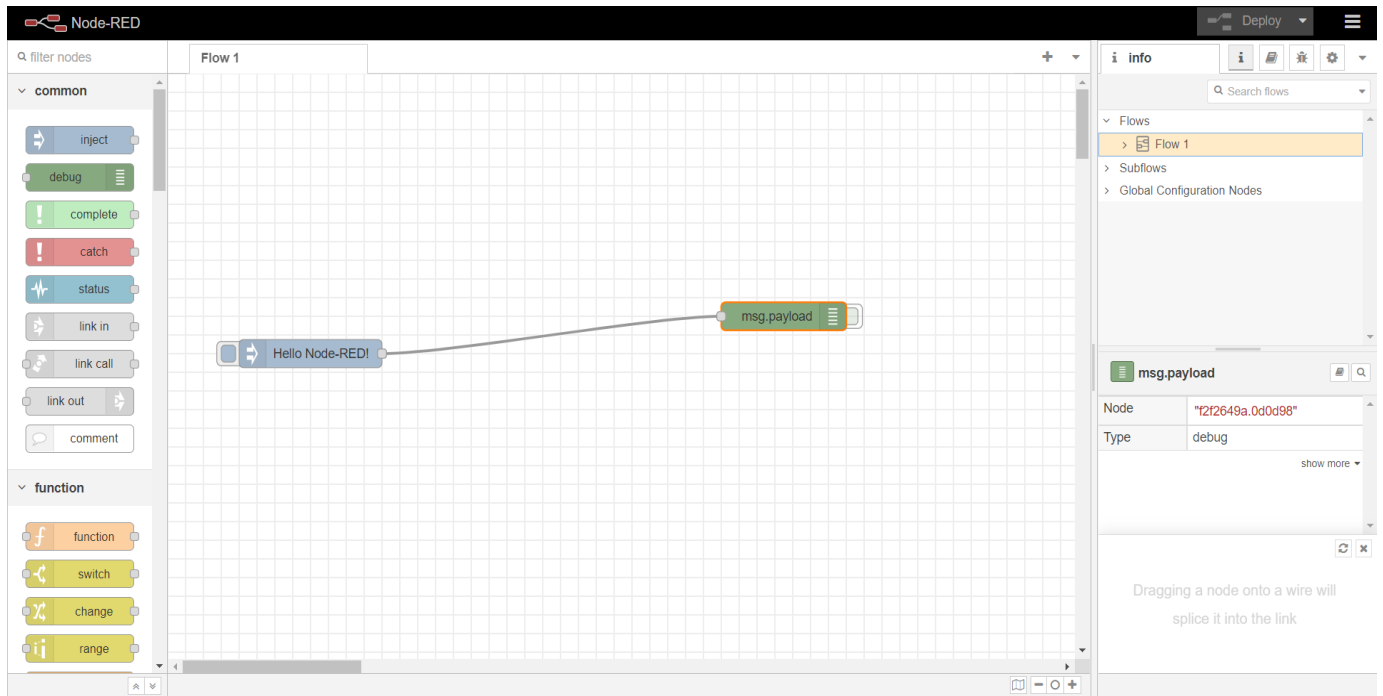
## Step 6: Dragged and dropped components into the editor.



## Step 7: Editing some values of the properties.



**Step 8:** Successfully deployed the app.



**Result:**

Successfully created a Node RED service on IBM Cloud.