

CreateNode-REDSERVICE

Date	14 NOVEMBER2022
TeamID	PNT2022TMID26516
ProjectName	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

Aim:

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

Steps to be followed

Step1:Navigated to the App creation page.

The screenshot shows the IBM Cloud 'Create app' page for Node-RED. The page has a dark header with the IBM Cloud logo and a search bar. Below the header, the 'Create app' page is displayed with the 'Node-RED' title. The 'About' tab is selected, showing details about the starter kit. The 'Overview' section describes the starter kit as a pre-configured Node-RED application. The 'What's included?' section lists the components: Cloudant, Free to start, and View pricing. A 'Get started' button is located at the bottom left. The right sidebar contains an 'ASK A QUESTION' button. The bottom right corner features an 'Activate Windows' watermark.

IBM Cloud

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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

Activate Windows

Go to Settings to activate Windows

ASK A QUESTION

Step2:Entered project details and clicked on create

IBM Cloud

Search resources and products...

Resource group: 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 Frankfurt Resource group Default

Pricing plan: node-red+defl-2022--cloudant-1666683139018

Pricing details Terms

Cancel Create

Activate Windows
Go to Settings to activate Windows.

ASK A QUESTION

Step3:Clicking on the “Deploy your App”Button.

Node RED CESWI 2022-11-13 Add tags

Actions...

Details

App URL: <https://node-red-ceswi-2022-11-13.eu-gb.mybluemix.net>

Source: <https://eu-gb.git.cloud.ibm.com/211719106050/NodeREDCESWI2022-11-13>

Resource group: Default

Deployment target: Node RED CESWI 2022-11-13

Created: 11/13/2022

Services

Cloudant

Open dashboard Documentation API reference

Credentials

Connect existing services + Create service +

Deployment Automation

Name: NodeREDCESWI2022-11-13

Location: London

Tool integrations

Delivery Pipelines

Name: pr-pipeline

Status: No stages detected

Name: ci-pipeline

Status: In progress

ASK A QUESTION

Step4:Setting up the environment and deploying the app.

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

IBM Cloud API key
lpl_sHzm2_694-SgMdTYbZZ5KFky1WCy-Q2zsjS2pGEf

Number of instances
1

Memory allocation per instance
64 MB ————— 2000 MB 256

Region
London

Organization
Salahudeen

Space
weather_Device123

Host
node-red-ceswi-2022-11-13

Domain
eu-gb.mybluemix.net

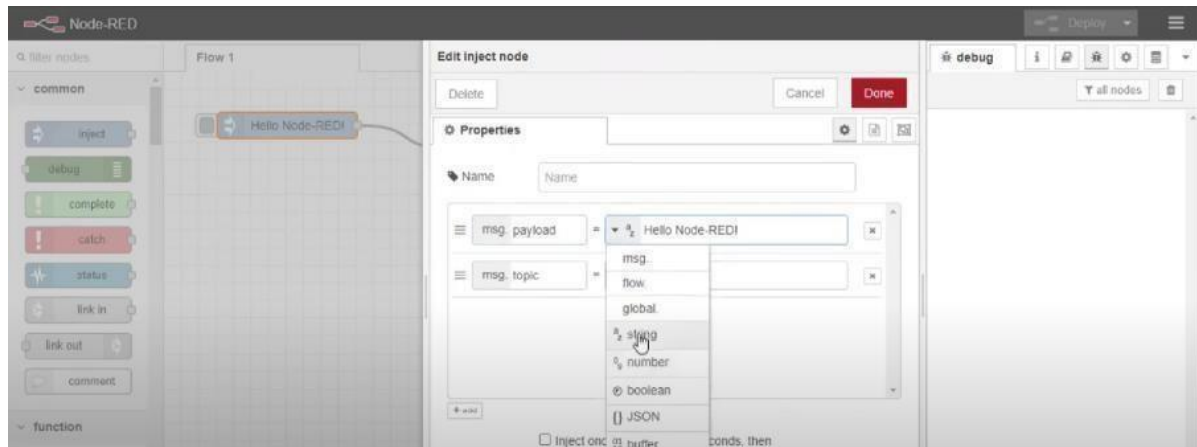
CancelNext

Step5:Successfully deployed the app.

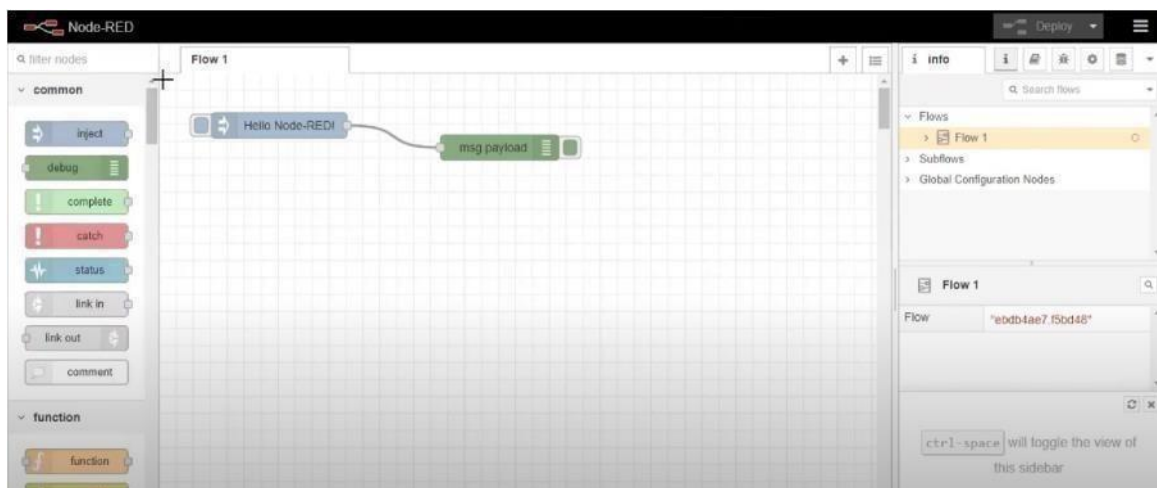
Delivery Pipelines

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

Step6:Dragged and dropped components in to the editor.



Step7:Editing some values of the properties.



Step8:Successfully deployed the app.



Result:

Successfully created a Node RED service on IBM Cloud.