

# Create Node-RED Service

Date	16st November 2022
Team ID	PNT2022TMID27029
Project Name	Gas Leakage Monitoring and Alerting System
Maximum Mark	4 marks

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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 and Entered project details and clicked on create

Accept the default name, or enter a value between 2 and 128 characters.

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

Sydney

Resource group

Default

ASK A QUESTION

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Step 2: Clicking on the “Deploy your App” Button and Setting up the environment and deploying the app.

The screenshot displays the IBM Cloud console interface for a resource named "Node RED BWJOZ 2022-11-10". The top navigation bar includes the IBM Cloud logo, a search bar, and user account information. The main content area is divided into two columns. The left column, titled "Details", lists the App URL, Source, Resource group, Deployment target, and Created date. The right column, titled "Deployment Automation", shows the Name, Location, Tool integrations, and Delivery Pipelines. A vertical sidebar on the right contains an "ASK A QUESTION" button. At the bottom, there are buttons for "Connect existing services" and "Create service".

Details	
App URL	<a href="https://node-red-bwjoz-2022-11-10.eu-gb.mybluemix.net">https://node-red-bwjoz-2022-11-10.eu-gb.mybluemix.net</a>
Source	<a href="https://eu-gb.git.cloud.ibm.com/abdulazizmrk/NodeREDBWJOZ202...">https://eu-gb.git.cloud.ibm.com/abdulazizmrk/NodeREDBWJOZ202...</a>
Resource group	Default
Deployment target	Node RED BWJOZ 2022-11-10
Created	10/11/2022

Deployment Automation	
Name	NodeREDBWJOZ2022-11-10
Location	London
Tool integrations	
Delivery Pipelines	
Name	pr-pipeline
Status	No stages detected
Name	ci-pipeline
Status	Success

Step 3: Successfully deployed the app.

The screenshot shows the Node-RED web interface. The header reads "Node-RED on IBM Cloud". The main content area has a dark red background with the text "Node-RED" and "Flow-based programming for the Internet of Things". Below this, there is a light gray section with text describing Node-RED as a programming tool for wiring together hardware devices, APIs, and online services. A button labeled "Go to your Node-RED flow editor" is prominently displayed. A link to "Learn how to customise Node-RED" is also present.

Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.

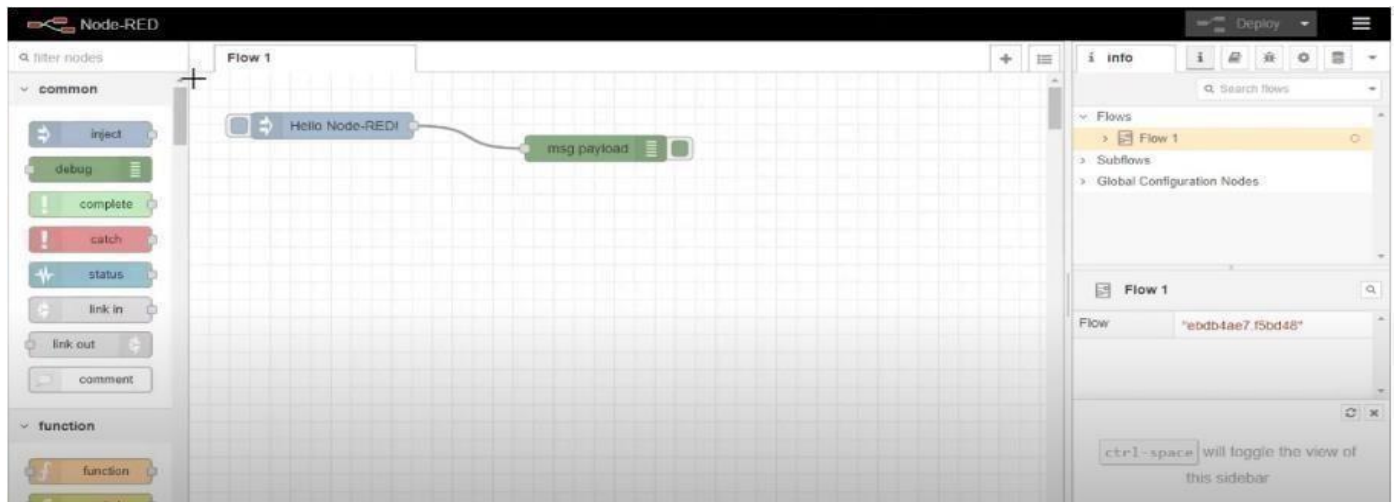
This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform.

More information about Node-RED, including documentation, can be found at [nodered.org](https://nodered.org).

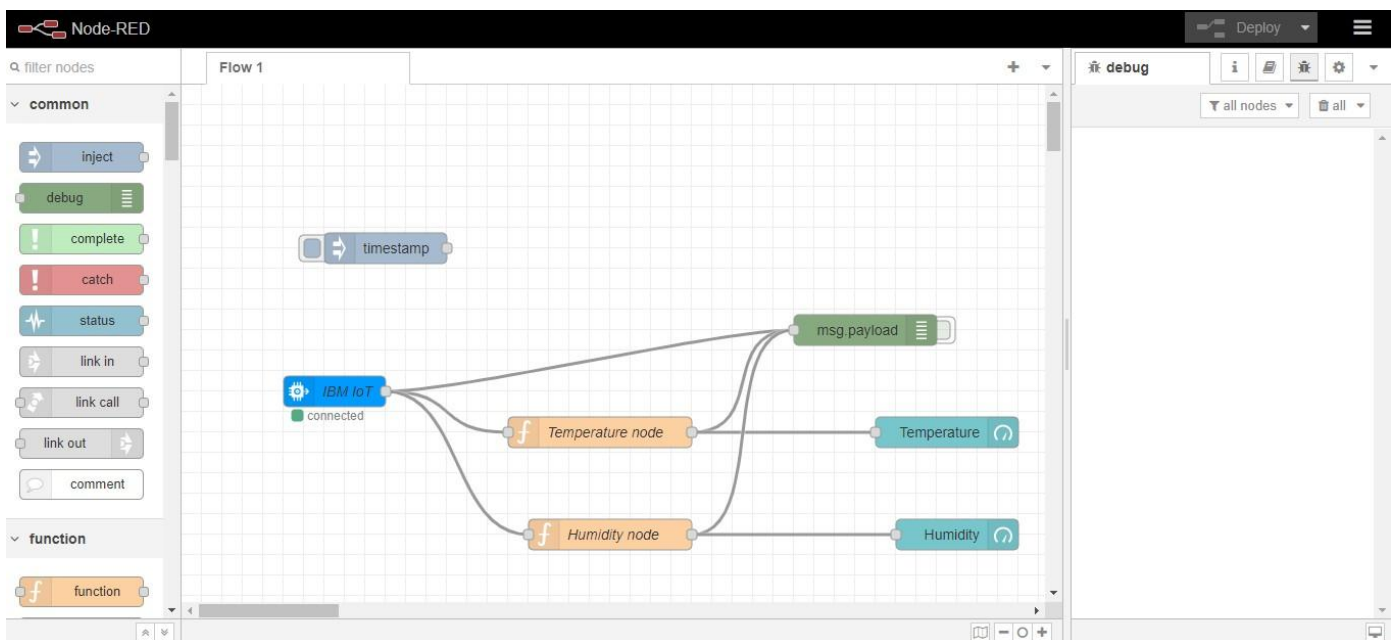
[Go to your Node-RED flow editor](#)

[Learn how to customise Node-RED](#)

Step 4: Dragged and dropped components into the editor.



Step 5: Editing some values of the properties.



Step 6: Successfully deployed the app.



## **Result:**

Successfully created a Node RED service on IBM Cloud.