

Create Node-RED Service

Date	17 November 2022
Team ID	PNT2022TMID37136
Project Name	Gas Leakage Monitoring and Alerting System
Maximum Mark	4 marks

TEAM LEADER: Monika D

TEAM MEMBER 1: Dhatchayini M

TEAM MEMBER 2: Esakkidavi S

TEAM MEMBER 3: Angel Felcia I

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

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

The screenshot shows the IBM Cloud console interface. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and user account information. Below this, the breadcrumb trail reads "Resource list / App details /". The main heading is "Node RED BWJOZ 2022-11-10" with an "Add tags" link. To the right is an "Actions..." dropdown menu. The page is divided into two main sections: "Details" and "Services".

Details

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

Services

Cloudant

- [Open dashboard](#)
- [Documentation](#)
- [API reference](#)

Credentials ▾

Buttons: [Connect existing services](#) + [Create service](#) +

Deployment Automation

Name	NodeREDBWJOZ2022-11-10
Location	London
Tool integrations	

Delivery Pipelines

Name	pr-pipeline	Status	No stages detected
Name	ci-pipeline	Status	Success

Buttons: [ASK A QUESTION](#)

Step 3: Successfully deployed the app.

The screenshot shows the Node-RED application interface. At the top, there's a dark header with the text "Node-RED on IBM Cloud". Below this is a large red banner with the text "Node-RED" and "Flow-based programming for the Internet of Things".

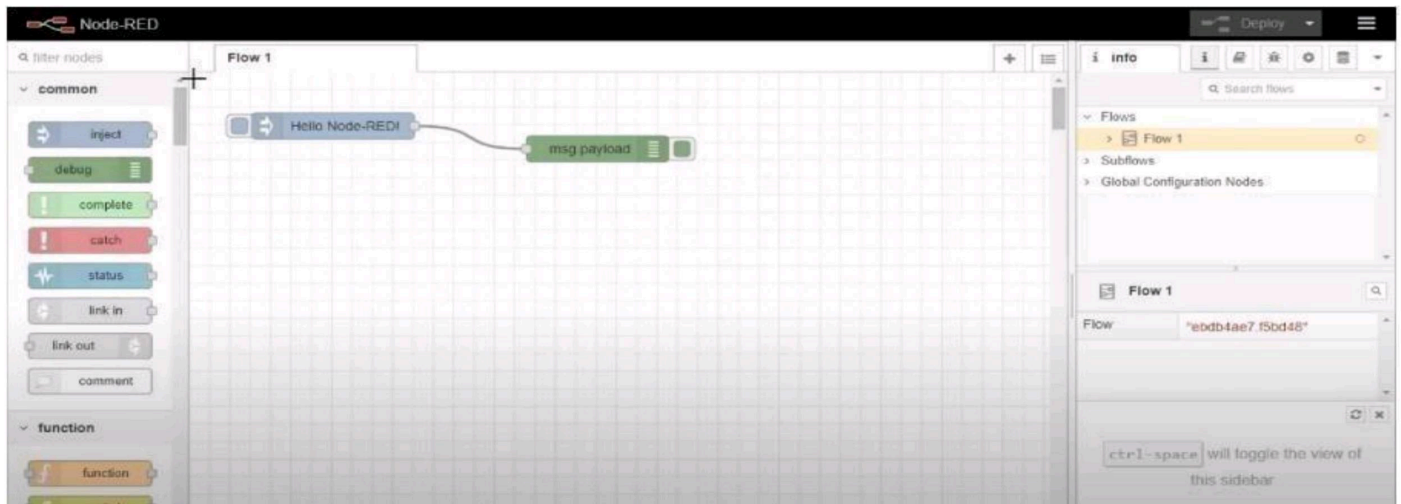
Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.

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

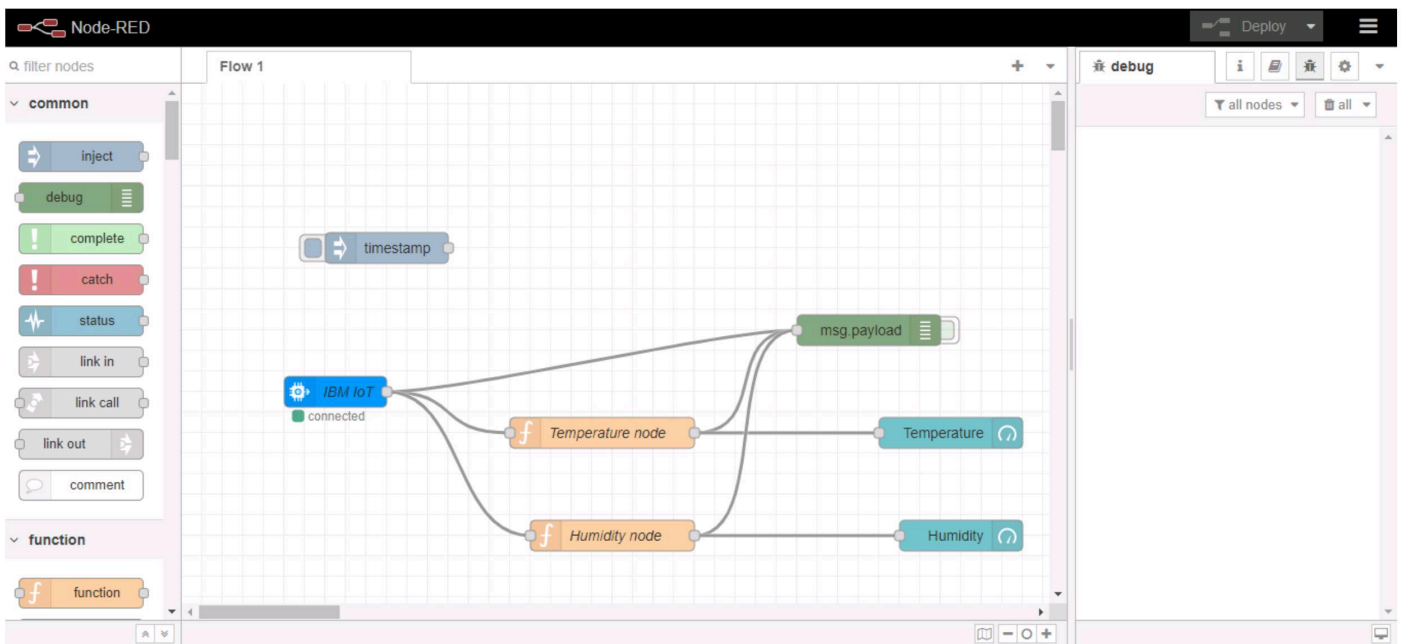
More information about Node-RED, including documentation, can be found at nodered.org.

Buttons: [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.