

CREATE AND CONFIGURE IBM CLOUD SERVICES

CREATE NODE RED SERVICES

| | |
|--------------|---|
| Team ID | PNT2022TMID14295 |
| Project Name | Gas Leakage monitoring & Alerting system for Industries |

Step 1: Login into IBM CLOUD account

Step2: In catalog, search for node red application

Step 3: Enter the project details and click on create

Step 4: click on deploy option and deploy

Step 5: Set up the environment for deploying and click on create

Step 6: Now drag and drop the nodes and connect nodes with IOT Watson platform

Step 7: setup the settings that connects node red service with Watson IOT

Step 8: Finally, output can be seen in node red service

IBM-EPBL/IBM x 127.0.0.1 x IBM-Project-86 x IBM-Project-86 x IBM App Devel x IBM-Project-35 x IBM-EPBL/IBM x

cloud.ibm.com/developer/appservice/apps/cb042ff8-b612-449e-8b49-94a72c8a7666

IBM Cloud Search resources and products... Catalog Manage Keerthana V's Account

Resource list / App details /

Node RED ILSBG 2022-11-13 Add tags Actions...

Details

App URL

You must deploy your app first

Source

Download code

Resource group

Default

Deployment target

You must deploy your app first

Created

11/13/2022

Services

Cloudant

Open dashboard

Documentation

API reference

Credentials

Deployment Automation

Configure Continuous Delivery

Continuous Delivery is not enabled for this app. Enable Continuous Delivery to automate builds, tests, and deployments through Delivery Pipeline, GitLab, and more.

Deploy your app

ASK A QUESTION

25°C Cloudy

Search

1.1 Kbps 1.1 Kbps

ENG IN

12:28 13-11-2022

IBM Cloud

Search resources and products...

Catalog Manage Keerthana V's Account

Number of instances

1

Memory allocation per instance

64 MB 2000 MB 256

Region Organization Space

London Keerthu74 keerth

Host Domain

node-red-ilsbg-2022-11-13 eu-gb.mybluemix.net

Cancel Next

ASK A QUESTION

25°C Cloudy

Search

0.0 Kbps 0.0 Kbps

ENG IN 12:59 13-11-2022

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Node RED ILSBG 2022-11-13

Select the deployment target

Configure the DevOps toolchain

Deployment Automation

Select your deployment target and configure your DevOps toolchain. After you click **Create**, the toolchain is created, and the deployment process is started automatically.

Deployment target

Kubernetes Service

IBM

Deploy, scale, and manage your containerized application workloads to highly available clusters.

Red Hat OpenShift

IBM

Deploy your apps on highly available clusters that come installed with Red Hat OpenShift on IBM Cloud.

Cloud Foundry

IBM

Deploy and run your applications without managing servers or clusters. A Lite plan is available for quick and easy deployment.

Getting started with apps

Step 1. Select the deployment target

Select your deployment target, and then provide the configuration information.

IBM Cloud Foundry

Cloud Foundry is the premier industry standard Platform-as-a-Service (PaaS) that ensures fast, easy, and reliable deployment of cloud-native apps. Cloud Foundry ensures that the build and deploy aspects of coding remain carefully coordinated with any attached services — resulting in quick, consistent and reliable iterating of applications. Cloud Foundry has a Lite plan that allows quick deployments for testing purposes.

Before you begin

- If your account doesn't have a Cloud Foundry org, you must create one.

ASK A QUESTION

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Resource list / App details /

Node RED ILSBG 2022-11-13

Add tags

Actions...

Details

| | |
|-------------------|---|
| App URL | You must deploy your app first |
| Source | https://eu-gb.git.cloud.ibm.com/vsk7422/NodeREDILSBG2022... |
| Resource group | Default |
| Deployment target | You must deploy your app first |
| Created | 11/13/2022 |

Services

Cloudant

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

Credentials

Deployment Automation

| | |
|-------------------|------------------------|
| Name | NodeREDILSBG2022-11-13 |
| Location | London |
| Tool integrations | |

Delivery Pipelines

| | |
|--------|-----------------------------|
| Name | ci-pipeline |
| Status | In progress |
| Name | pr-pipeline |
| Status | No stages detected |

25°C Cloudy

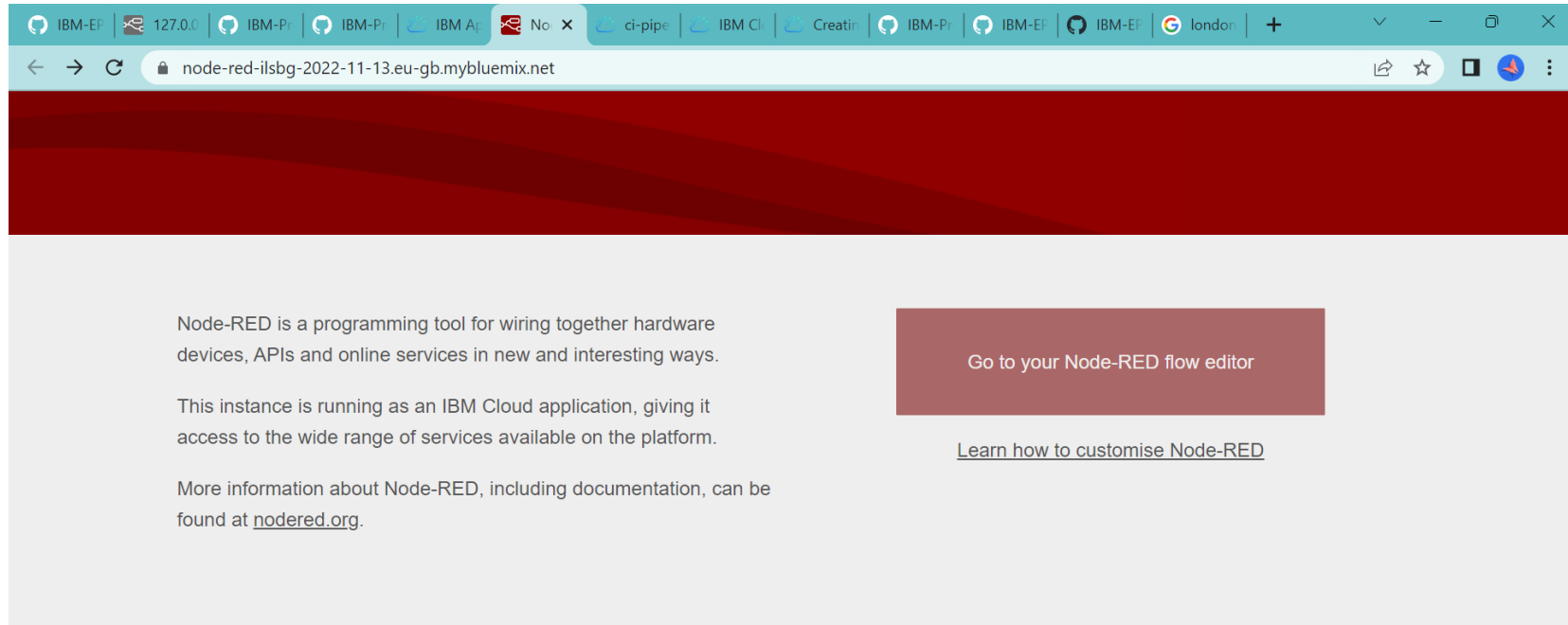
Search

7.8 Kbps

3.9 Kbps

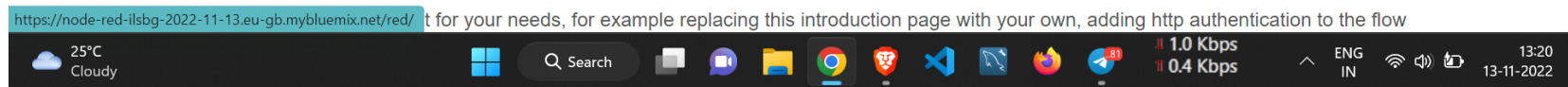
ENG IN

13:02 13-11-2022



Customising your instance of Node-RED

This instance of Node-RED is enough to get you started creating flows.



Node-RED interface showing a flow named "Flow 1" with two nodes: "inject" (labeled "Hello Node-RED!") and "msg.payload". The interface includes a left sidebar with node categories (common, function), a top navigation bar, and a right sidebar with the "info" tab selected, displaying flow details and search functionality.

The browser address bar shows the URL: `node-red-ilsbg-2022-11-13.eu-gb.mybluemix.net/red/#flow/ab565085ac18fc36`.

The right sidebar "info" tab displays:

- Search flows
- Flows
 - Flow 1
- Subflows
- Global Configuration Nodes

Flow 1 details:

- Flow ID: "ab565085ac18fc36"
- Instructions: Show the Info tab with `ctrl-g i` or the Debug tab with `ctrl-g d`

The bottom status bar shows system information: 25°C Cloudy, 0.0 Kbps, ENG IN, and 13:21 13-11-2022.