

## **CREATE AND CONFIGURE IBM CLOUD SERVICES**

### **CREATE NODE RED SERVICES**

Team ID	PNT2022TMID23535
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 Deve x IBM-Project-3 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, GittLab, and more.

Deploy your app

ASK A QUESTION

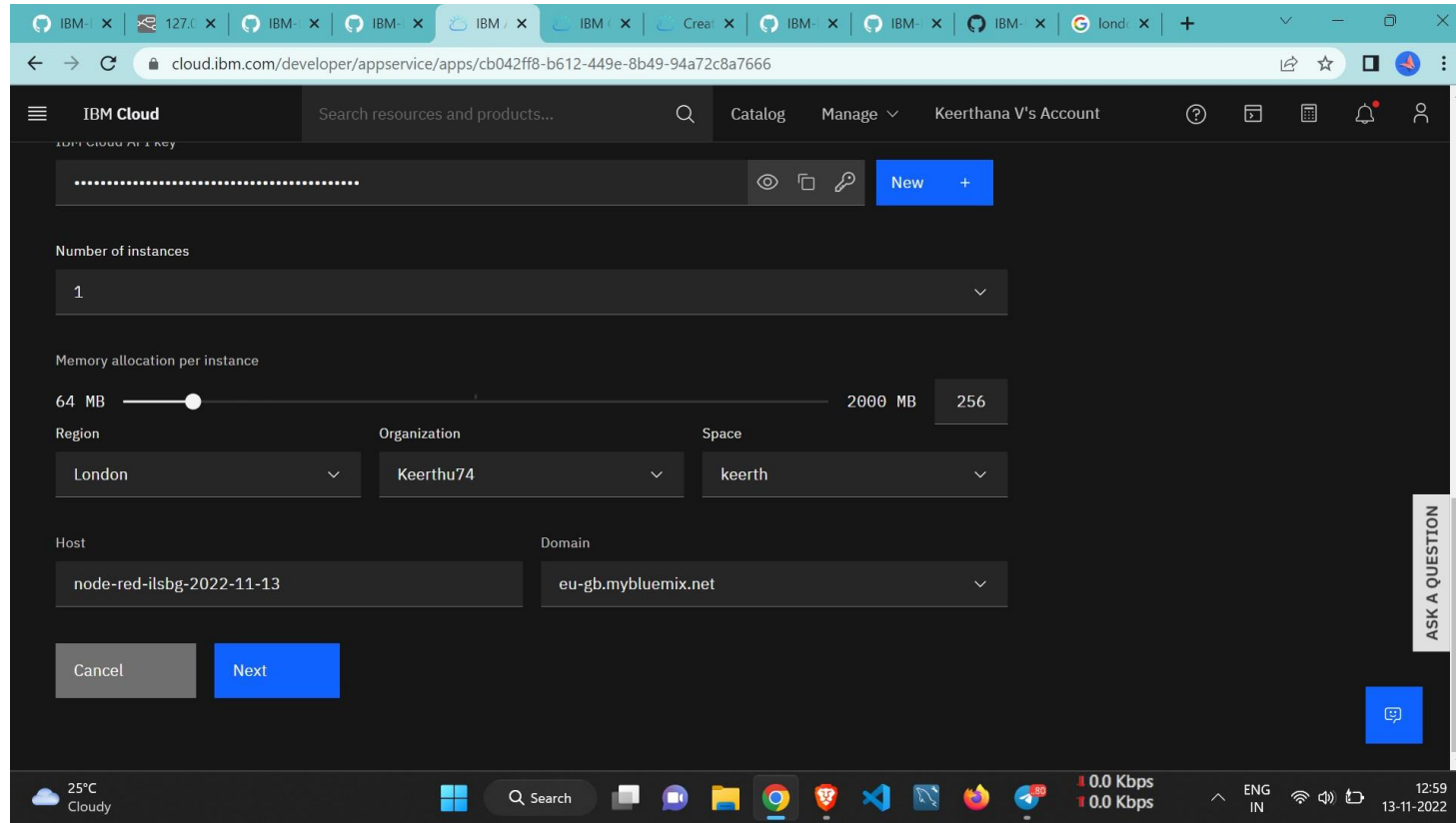
25°C Cloudy

Search

1.1 Kbps 1.1 Kbps

ENG IN

12:28 13-11-2022



IBM Cloud

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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

25°C Cloudy

Search

0.0 Kbps

0.0 Kbps

ENG IN

12:59 13-11-2022

IBM Cloud

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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	<a href="https://eu-gb.git.cloud.ibm.com/vsk7422/NodeREDILSBG2022...">https://eu-gb.git.cloud.ibm.com/vsk7422/NodeREDILSBG2022...</a>
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





7.8 Kbps

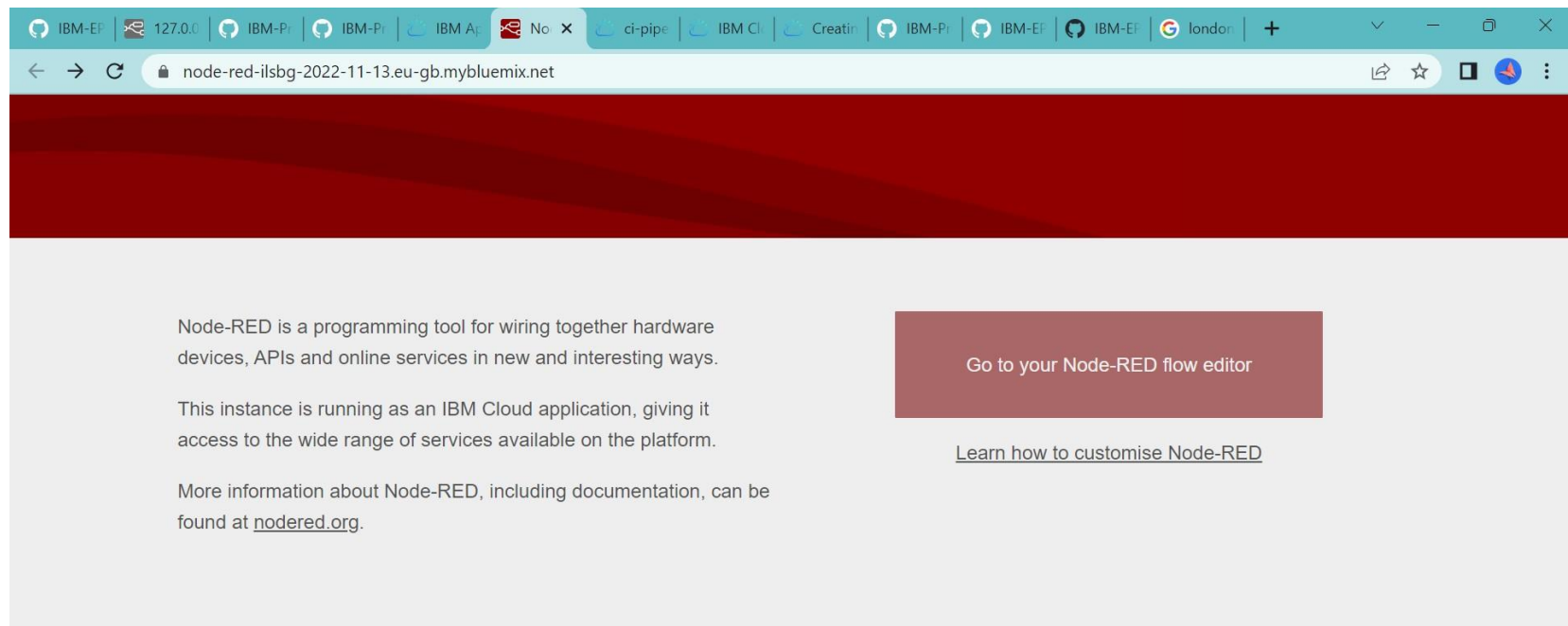
3.9 Kbps

ENG IN

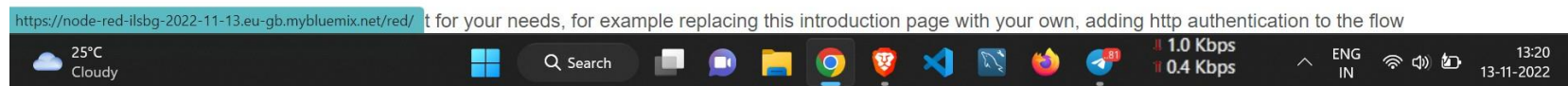
13:02 13-11-2022

ASK A QUESTION



## 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: "Hello Node-RED!" and "msg.payload". The interface includes a sidebar with node categories (common, function) and a right panel with flow information and a search bar.

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

The right panel displays the following information:

- Search flows:
- Flows
  - Flow 1
  - Subflows
  - Global Configuration Nodes
- Flow 1
  - Flow: "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.