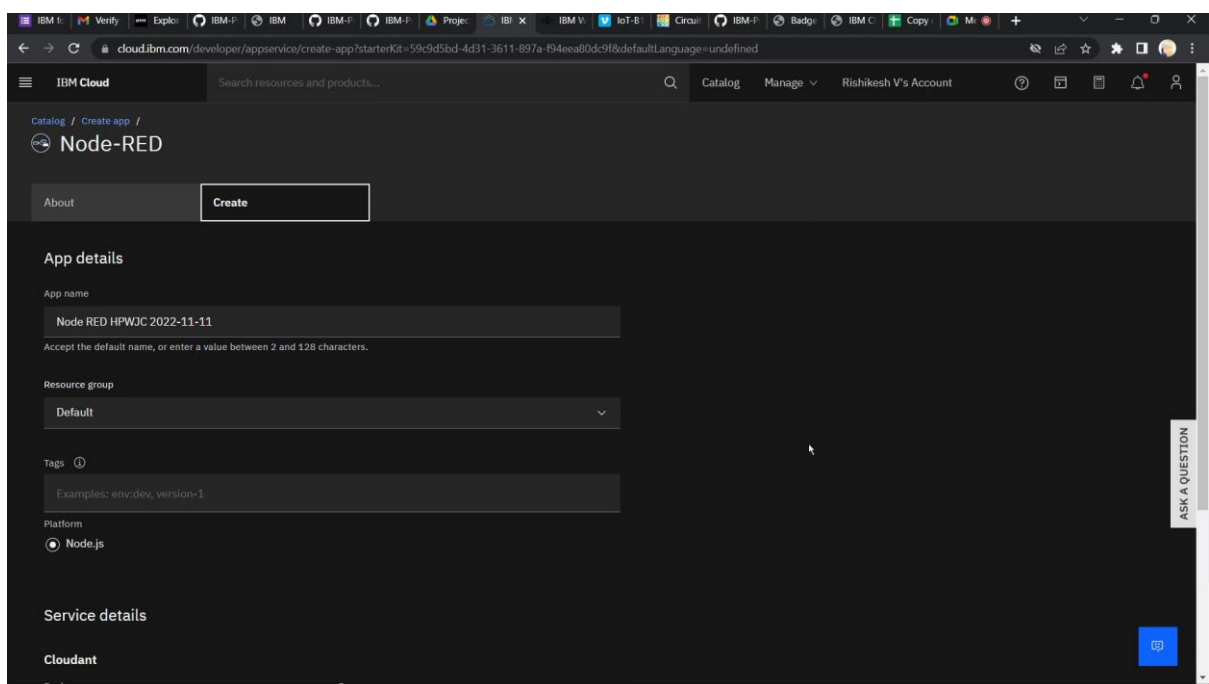
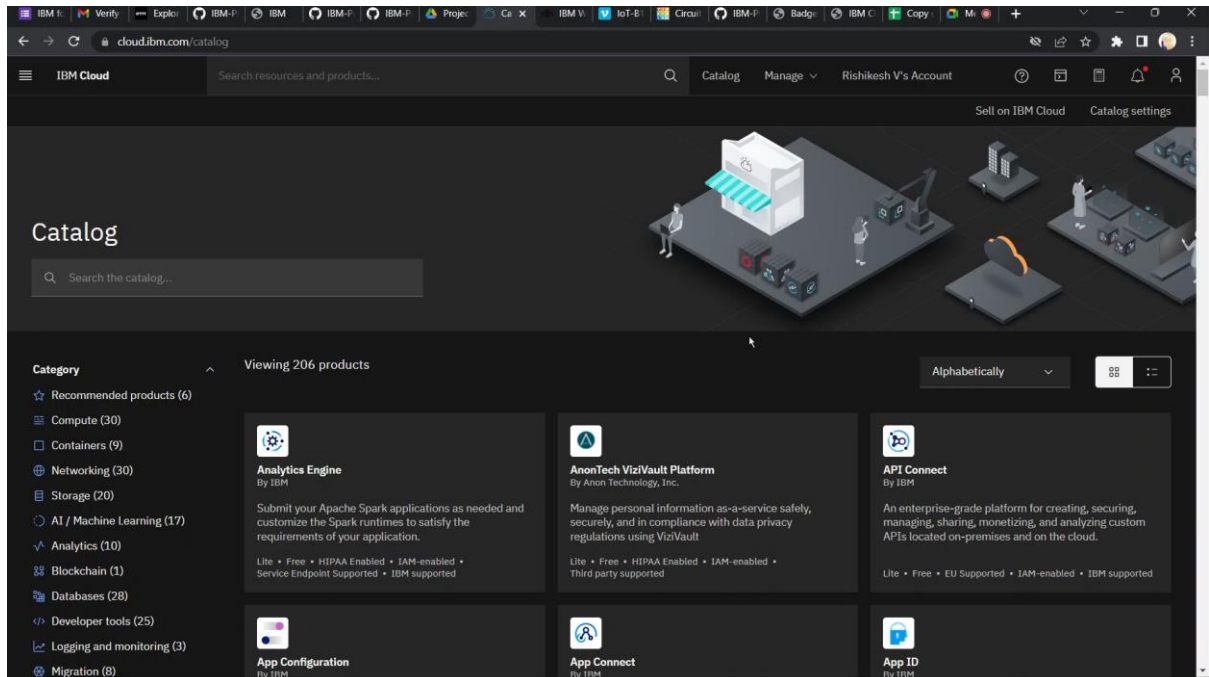


Create Node-RED Service

Team ID	PNT2022TMID19147
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES



IBM Cloud

Search resources and products...

Cloud Foundry Orgs / ILOVEGAS

Spaces Users Domains Info

Add a space

Name	Region	ID	Manager	Date Created	Actions
ILSLI	United Kingdom	f8bccc4-1be7-41ed-b56d-9fbc2c8dd396	✓	11/11/2022	

IBM Cloud

Search resources and products...

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 available containerized applications to OpenShift.

IBM Cloud Foundry Public is deprecated. Learn more

IBM Cloud API key

IBM Cloud API's key

The value is required.

Number of instances

1

Memory allocation per instance

64 MB 2988 MB 256

Create a new API key with full access

Warning: This will create a new API key that allows anyone who has it the ability to do anything you could do. You can improve your security posture by using the IAM UI to create a service ID API key that limits access to only what your pipeline requires, and then pasting that into the template UI instead. For more information on API keys and access see the IAM documentation.

Name Description

API Key for NodeREDHPWJC2022-11-11

☐ Save this key in a secrets store for reuse

Cancel OK

ASK A QUESTION

IBM Cloud

Search resources and products...

deployment.

resources that you consume.

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

IBM Cloud API key

Number of instances

1

Memory allocation per instance

64 MB 2000 MB 256

Region

London

Organization

ILOVEGAS

Space

RISHI

Host

node-red-hpwjc-2022-11-11

Domain

eu-gb.mybluemix.net

Cancel Next

ASK A QUESTION

IBM Cloud

Search resources and products...

Node RED HPWJC 2022-11-11 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

11/11/2022

Services

Cloudant

Open dashboard Documentation API reference

Credentials

Connect existing services Create service

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.

Checking cache...

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more](#)
2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.
5. If you make any changes to your app, be sure to deploy it again.

ASK A QUESTION

IBM Cloud

Search resources and products...

Node RED HPWC 2022-11-11 Add tags

Details

App URL You must deploy your app first

Source Download code

Resource group Default

Deployment target You must deploy your app first

Created 11/11/2022

Services

Cloudant

Open dashboard Documentation API reference

Credentials

Connect existing services Create service

Deployment Automation

Name NodeREDHPWC2022-11-11

Location London

Tool integrations

Delivery Pipelines

Name pr-pipeline

Status No stages detected

Name ci-pipeline

Status In progress

Getting started quickly

Configuring your app

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IBM Cloud

Search resources and products...

Toolchains / NodeREDHPWC2022-11-11 /

ci-pipeline Dashboard Run pipeline

PipelineRuns

Definitions

Worker

Triggers

Environment properties

Other settings

Status: All Trigger: All

Run

#1 simple-hosted-pipeline-e72c570a-21d2-4c5c-913c-cc6960c4edf6

Running

Nov 11, 11:37 AM

2m 44s

Items per page: 25 1 - 1 items

IBM Cloud

Search resources and products...

Node RED HPWJC 2022-11-11 Add tags

Details

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

Source: <https://eu-gb.git.cloud.ibm.com/rishikesh1113/NodeREDHPWJ...>

Resource group: Default

Deployment target: Node RED HPWJC 2022-11-11

Created: 11/11/2022

Services

Cloudant

Open dashboard Documentation API reference

Credentials

Connect existing services Create service

Deployment Automation

Name: NodeREDHPWJC2022-11-11

Location: London

Tool integrations

Delivery Pipelines

Name: pr-pipeline

Status: No stages detected

Name: ci-pipeline

Status: Success

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)
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3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.
5. If you make any changes to your app, be sure to deploy it again.

Node-RED

Flow 1

inject

input

output

msg.payload

IBM IoT

Info

Flows

Flow 1

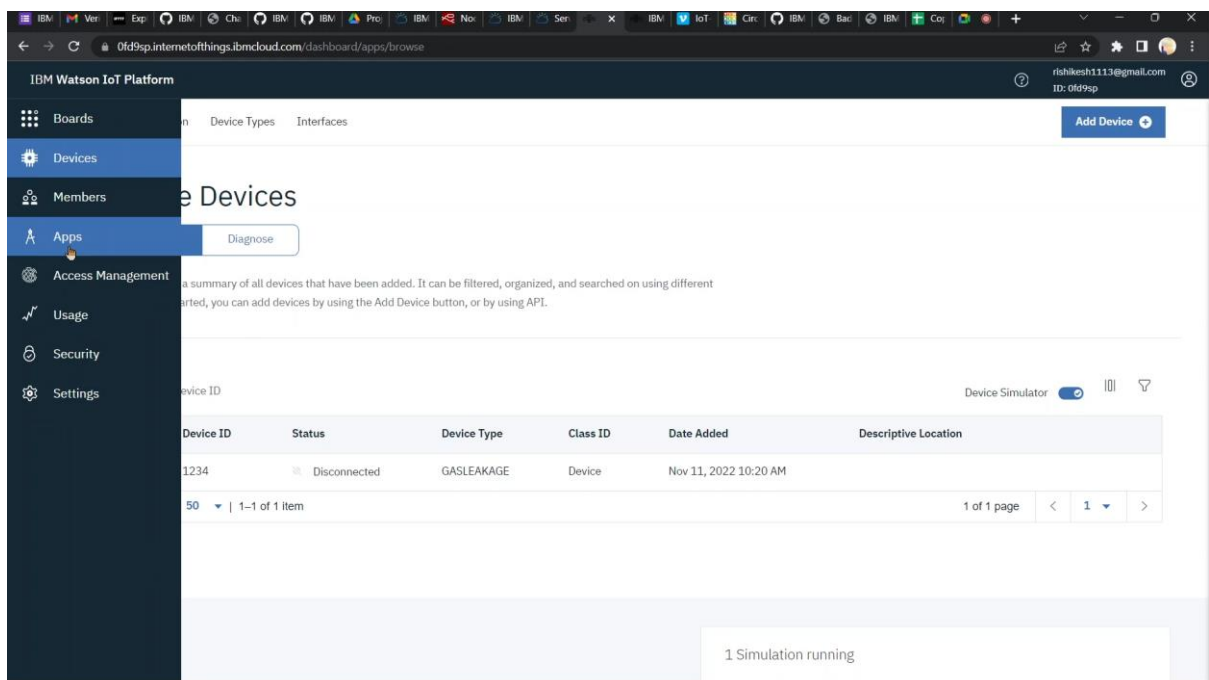
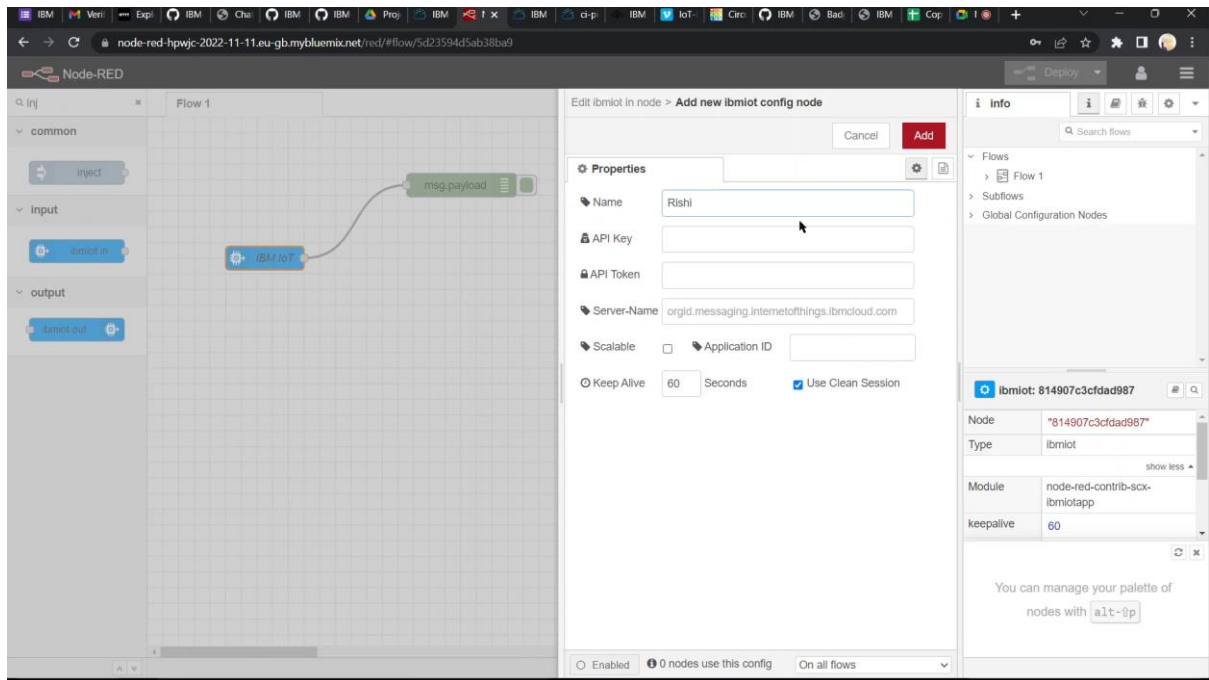
Subflows

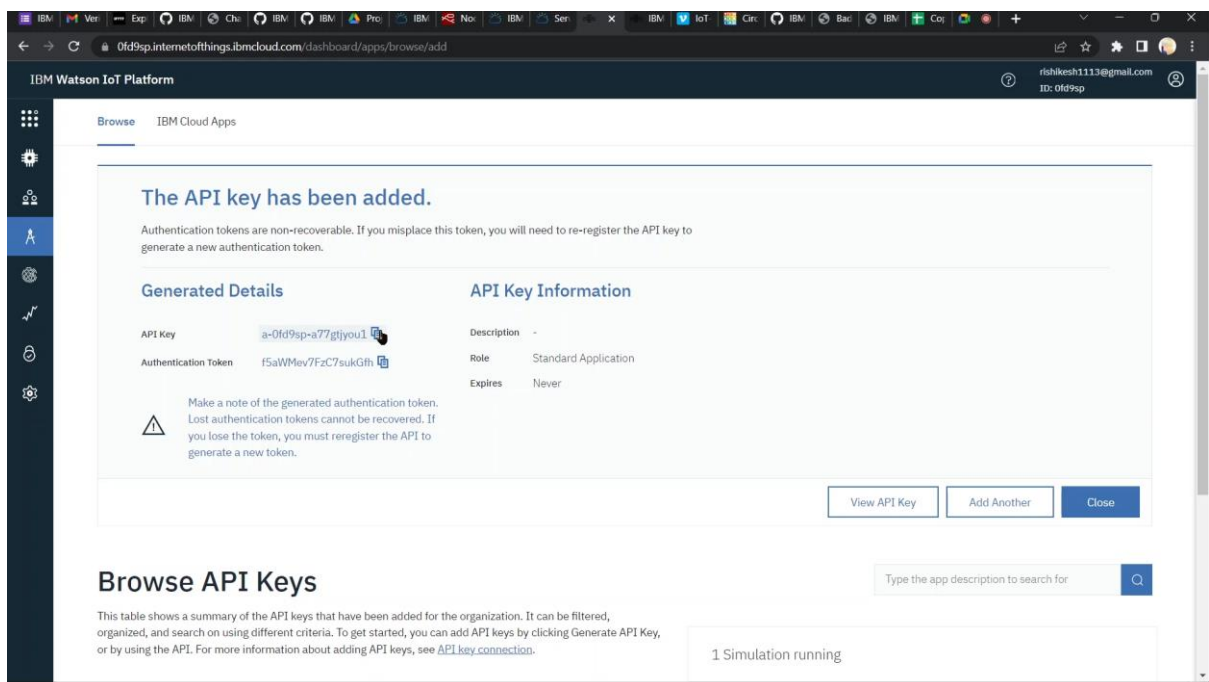
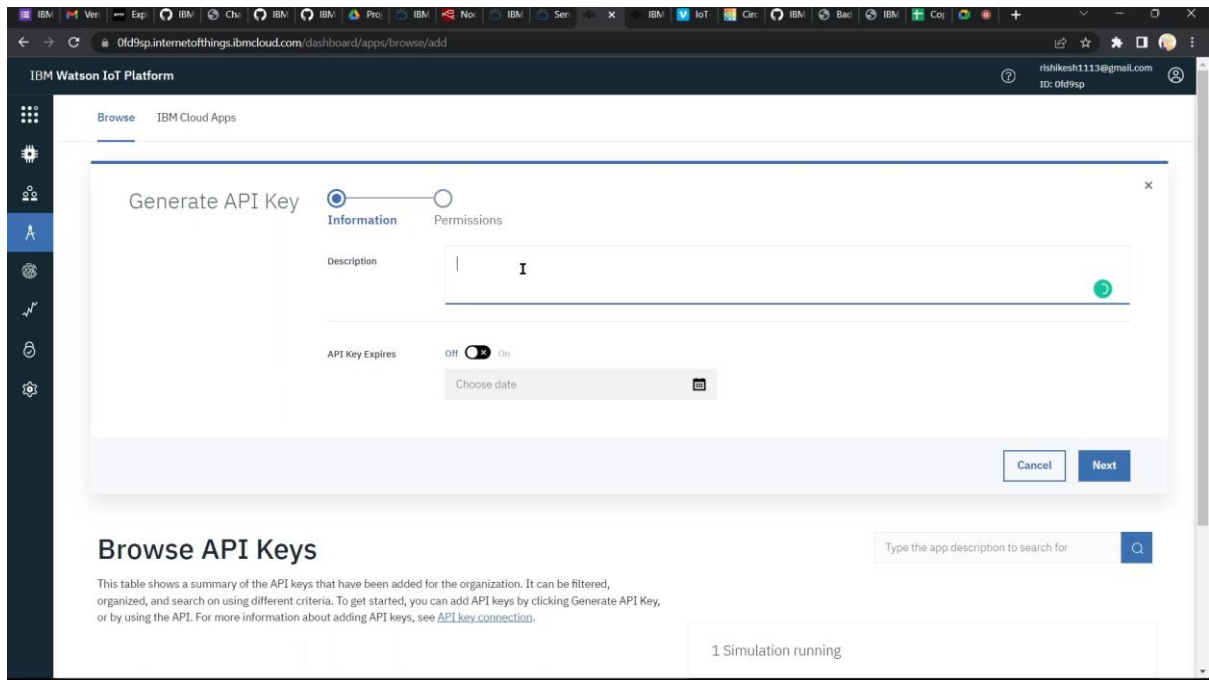
Global Configuration Nodes

Flow 1

Flow: *5d23594d5ab38ba9*

Search for nodes using **ctrl-f**





node-red-hpwjc-2022-11-11.eu-gb.mybluemix.net/red/#flow/5d23594d5ab38ba9

Node-RED

Flow 1

common

input

output

msg.payload

IBM IoT

Edit ibmiot in node > Add new ibmiot config node

Properties

Name: Rishi

API Key: a-0fd9sp-a77gtyou1

API Token:

Server-Name: orgid.messaging.internetofthings.ibmcloud.com

Scalable: ☐ Application ID:

Keep Alive: 60 Seconds ☒ Use Clean Session

Info

ibmiot: 814907c3cfdad987

Node: "814907c3cfdad987"

Type: ibmiot

Module: node-red-contrib-scx-ibmiotapp

keepalive: 60

Hold down **ctrl** when you **click** on a node port to enable quick-wiring

Enabled 0 nodes use this config On all flows

node-red-hpwjc-2022-11-11.eu-gb.mybluemix.net/red/#flow/5d23594d5ab38ba9

Node-RED

Flow 1

common

input

output

msg.payload

IBM IoT

connected

debug

all nodes

11/11/2022, 8:15:26 PM node: IBM IoT
msg: error
"TypeError: Cannot read properties of null (reading 'id')"

11/11/2022, 8:24:51 PM node: 020649a-0d0d98
iot-2/type/GASLEAKAGE/id/1234evtprot1ftrmjsjon :
msg.payload: Object
{
 "randomNumber": 55,
 "temp": 46,
 "hum": 83
}

11/11/2022, 8:24:54 PM node: 020649a-0d0d98
iot-2/type/GASLEAKAGE/id/1234evtprot1ftrmjsjon :
msg.payload: Object
{
 "randomNumber": 37,
 "temp": 28,
 "hum": 92
}

11/11/2022, 8:24:57 PM node: 020649a-0d0d98
iot-2/type/GASLEAKAGE/id/1234evtprot1ftrmjsjon :
msg.payload: Object
{
 "randomNumber": 5,
 "temp": 72,
 "hum": 80
}

11/11/2022, 8:25:01 PM node: 020649a-0d0d98
iot-2/type/GASLEAKAGE/id/1234evtprot1ftrmjsjon :
msg.payload: Object
{
 "randomNumber": 60,
 "temp": 36,
 "hum": 95
}

11/11/2022, 8:25:04 PM node: 020649a-0d0d98
iot-2/type/GASLEAKAGE/id/1234evtprot1ftrmjsjon :
msg.payload: Object
{
 "randomNumber": 99,
 "temp": 33,
 "hum": 98
}

11/11/2022, 8:25:07 PM node: 020649a-0d0d98