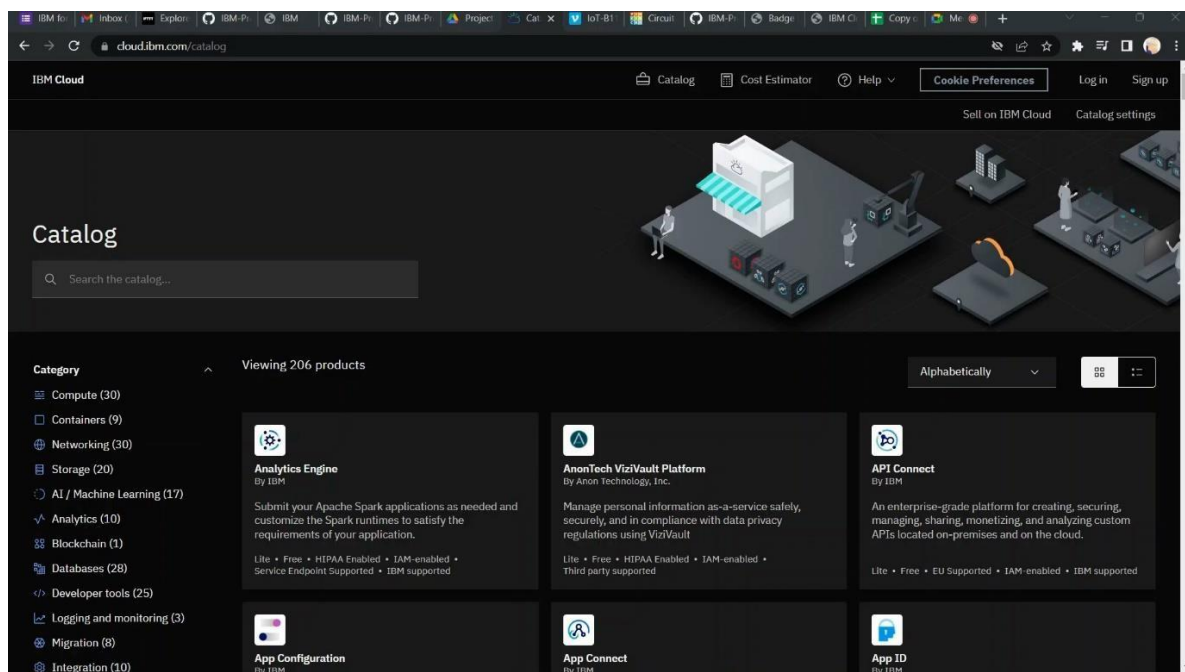


CREATE IBM WATSON IOT PLATFORM AND DEVICE

Team ID	PNT2022TMID54370
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES




IBM Cloud

Search resources and products...

Catalog

Manage

Rishikesh V's Account



Internet of Things Platform

This service is the hub of all things IBM IoT, it is where you can set up and manage your connected devices so that your apps can access their live and historical data.

Create

About

Type
Service

Provider
IBM

Last updated
08/15/2022

Category
Internet of Things

Compliance
IAM-enabled

Location
Frankfurt
London
Dallas
Washington DC

Related links
Docs
Terms

Select a location

Frankfurt (eu-de)

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)

Plan	Features	Pricing
Lite	<p>Includes up to 500 registered devices, and a maximum of 200 MB of each data metric</p> <ul style="list-style-type: none">Maximum of 500 registered devicesMaximum of 500 application bindingsMaximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed <p>The Lite service plan for Internet of Things Platform includes up to 500 registered devices, and a maximum of 200 MB each of data exchanged, data analyzed, and edge data analyzed per month.</p> <p>Lite plan services are deleted after 30 days of inactivity.</p>	Free

☒ I have read and agree to the following license agreements:
[Terms](#)

Create

Add to estimate

Summary

Internet of Things Platform

Free

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-rc

Resource group: Default

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Resource list /

Internet of Things Platform-rc

Active

Add tags


Details

Actions...

Manage

Plan

Connections



Let's get started with IBM Watson IoT Platform

Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.

Launch

Docs

Ready for the next level?

IBM Watson IoT Platform Journey

✓

Lite

The Lite service plan provides a lightweight development environment to get you started with the connectivity capabilities of Watson IoT Platform.

- Free
- 200 MB data-transfer limit
- 500 application bindings limit

○

Non-Production

The Non-Production service plan is a full-featured, fully-integrated offering that enables you to explore Watson IoT Platform to see how the service can fit into your IoT environment.

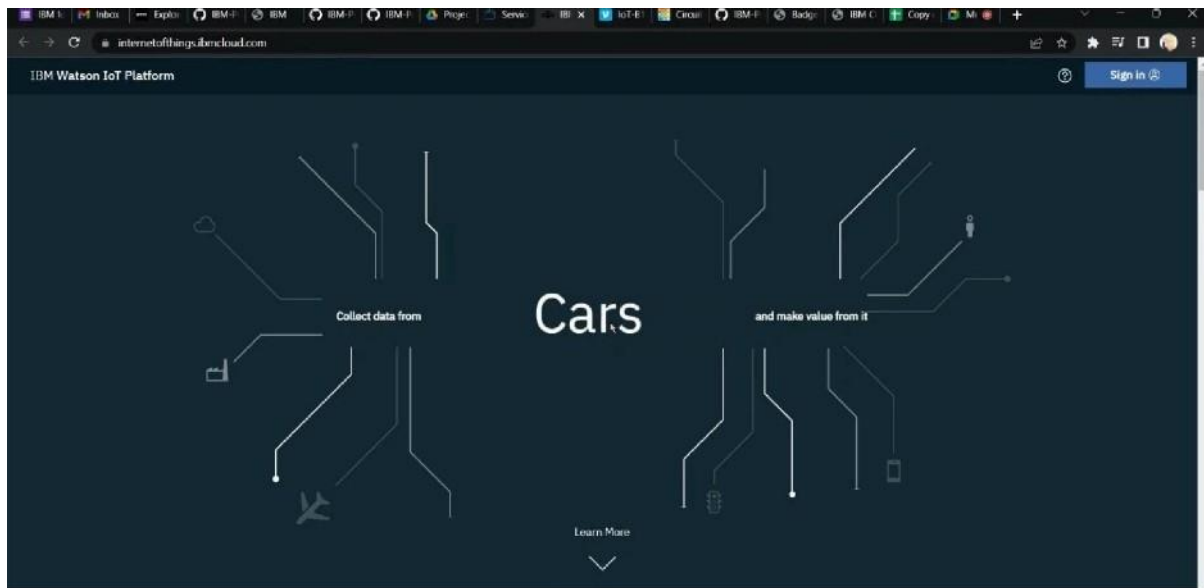
- Starts at \$500 per month
- Capacity limit based on device type
- Optional Analytics Service and Blockchain

○

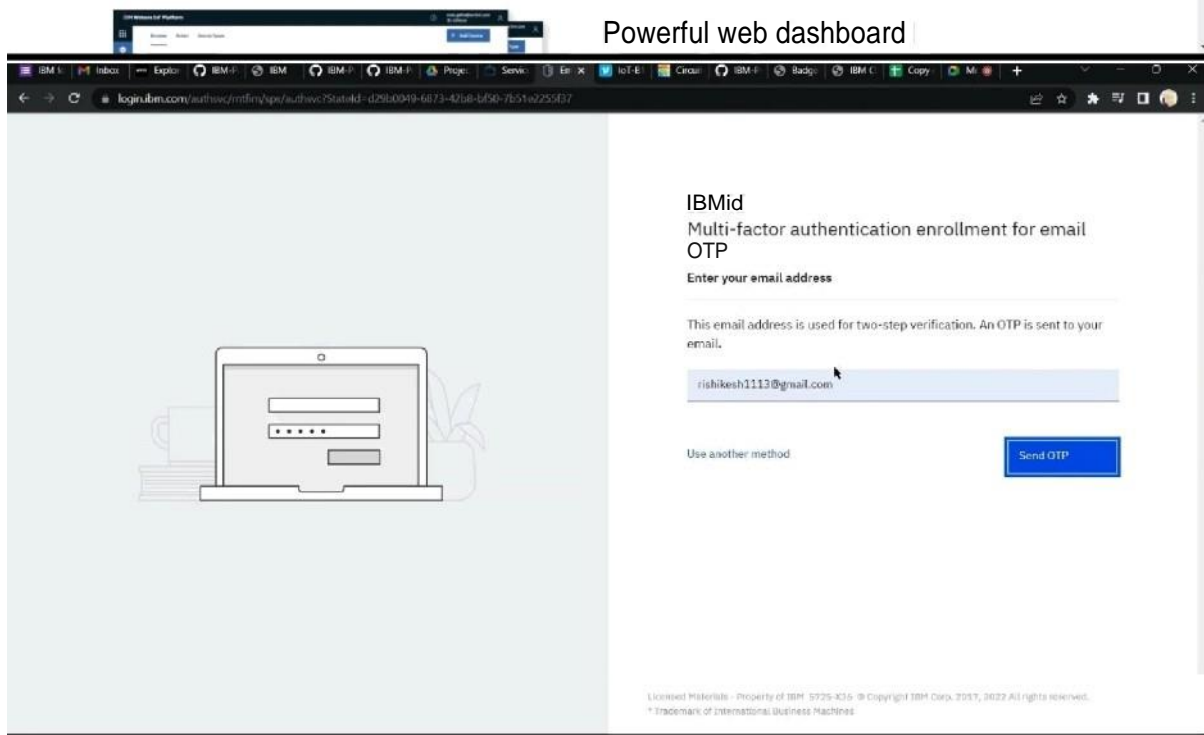
Production

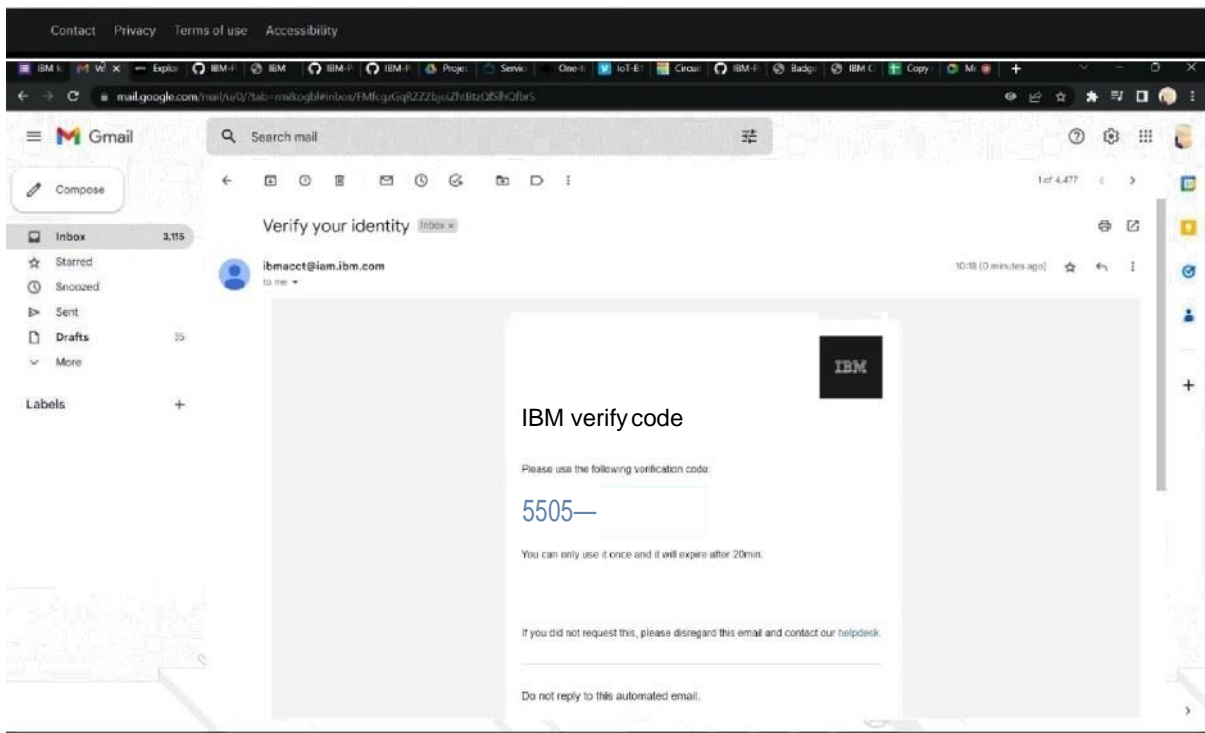
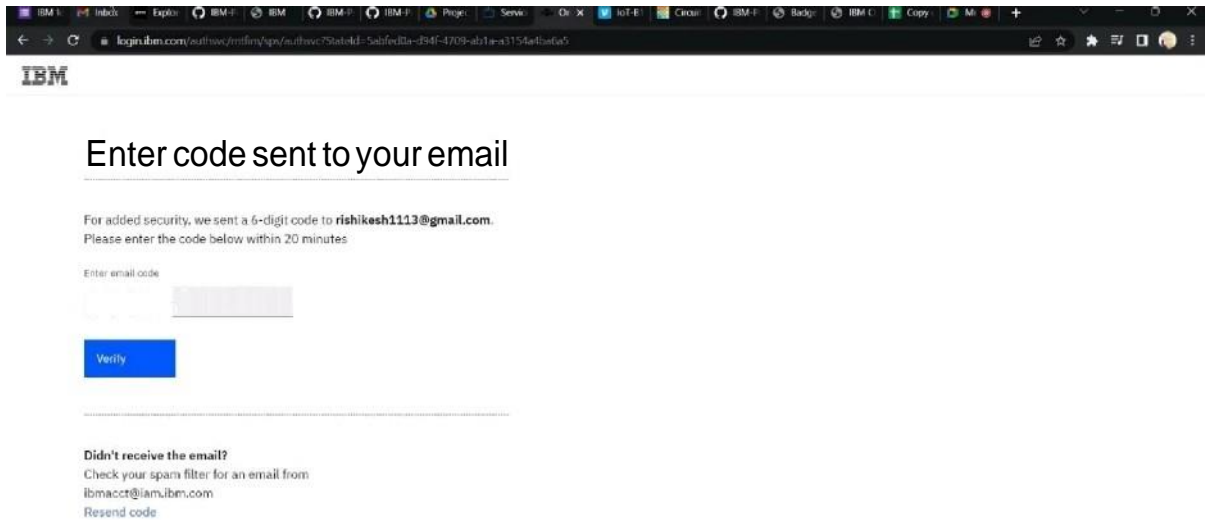
The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.

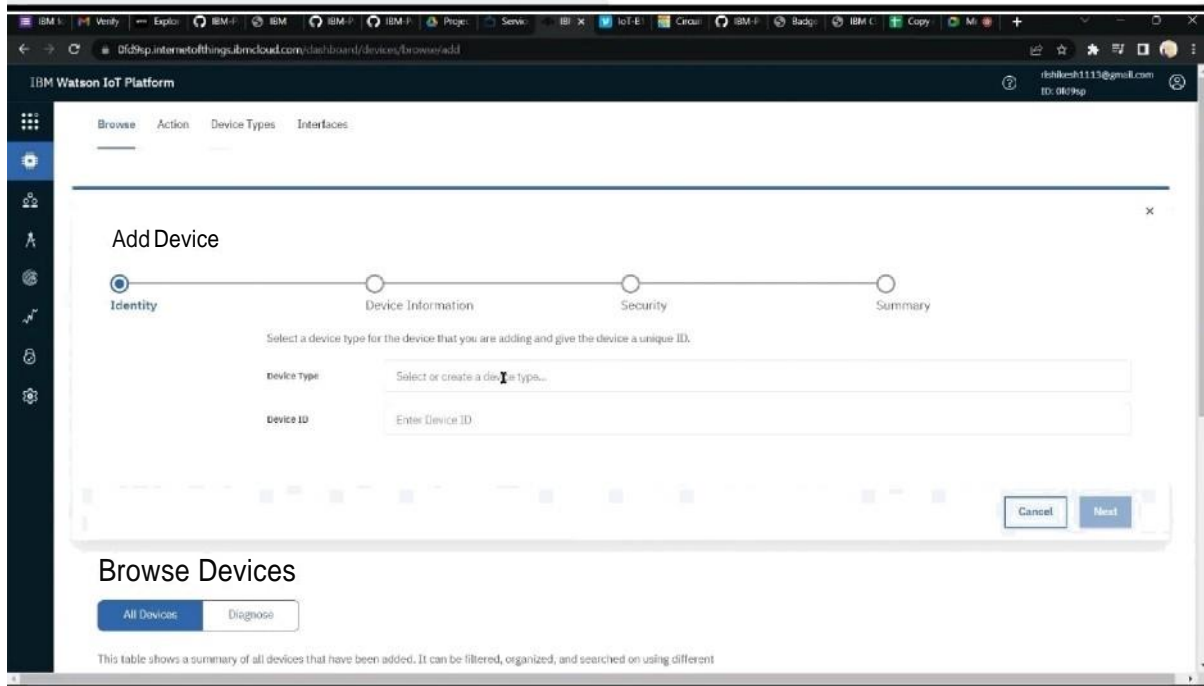
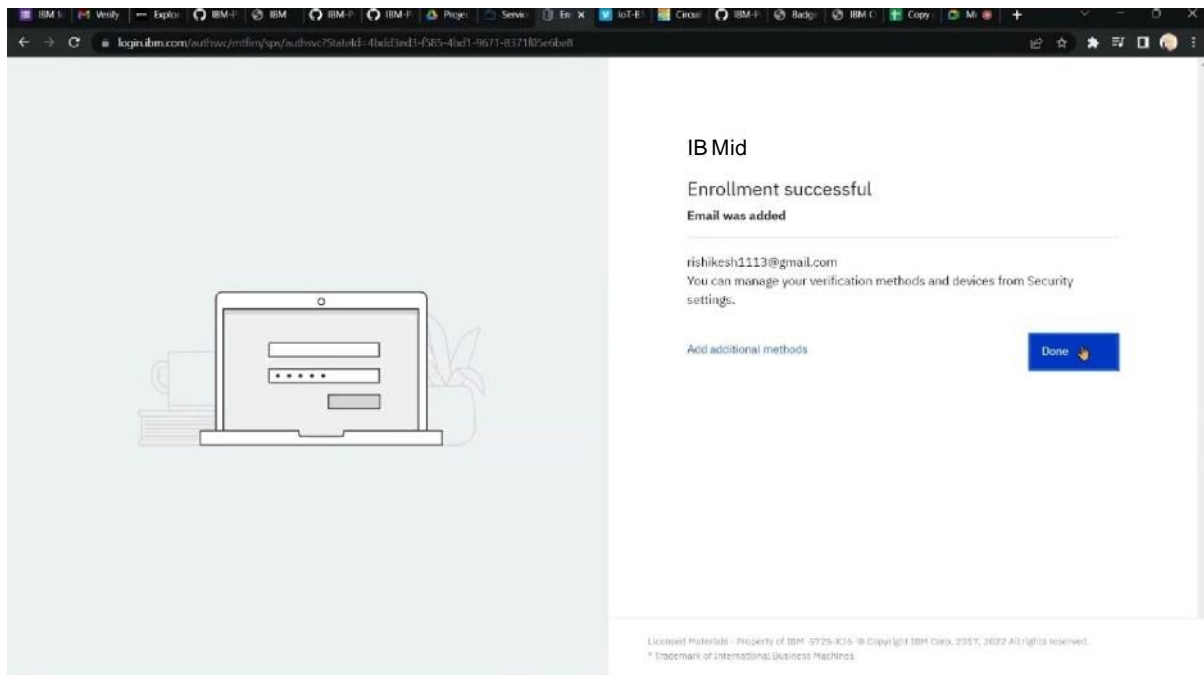
- Includes IBM Service & Support
- Pricing based on number of devices per device type



Powerful web dashboard







Add Device

Identity

Device Information

Security

Summary

You can modify the default device irrfor mation and erler more information eboMl the deyce for identification purposes.

oecser4etw

Enter Description

Firmware Version

Enter Firmware Verslo n

Add Metadata

Add Device

Identity

Device Information

Security

Summary

Auto-generated authentication token (defaults)

A+owm„ewieiop»erae awt+<i%o,i<m,i o .

Self-provided authentication token

Provide your own authentication token for this device. The token must be between 8 and 36 characters and contain a mix

predefi r+ed sequences.

If take a note at the generated token. Lost aMthentication tokens cannot be recovered. Tokens are encrypted before

Device Driltdown - 1234

Device Credentials

Connection Information

Device Credentials


You registered your device to the organ falafel. Add these credentials to the device to connect it to the pWrrn. After the device is connected, you can navigate to view

Conn'ection Information

Browse Devices

criteria. To get started, you can add [new devices](#) by using the Add Device button, or by using API.

> ☐ 1234 Disconnected GASLEAKAGE Device Nov 11, 2022 10:20 AM

TWGabesto»sasmagdddnioeñ aebexBdm.banbeieed,o ,red.adseamVonuinçdf Sm!aflona [Import/Export simulation](#) 

criteria. To get started, you can add devices by using the Add Device button, or by using API.

 Search by Device ID

☐ **Device ID** **Status** **Device Type** **Class ID** **Date**

The recent events listed show the live stream of data that is coming and going from this device.

You can use the `src++` related event data to load a `boN` test, and `derrsn` strale fully

simulate only data for a device that is already **registered**.

To create a device simulation.

1. Set the device type.
2. Configure the event and payload.

Select or create a device type...

d{t}b

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using diff **g** Device type: `g/\ glz/\ {z y`

The recent events listed show the live stream of data that is coming and going from this device.

2 "temp": `random(10,88)`

d{t|b

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API. pgy/gq -type: GASLEAKAGE y

The recent events listed show the live stream of data that is coming and going from this device. 2 "temp": random(10,88)

d{t}b

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. Device type: g/\ glzp {z y

Q Search by Device ID Event type name: p001 Send 🗑

Wemrefexns MdstowkeMeseamMdaaWaisonmozadmykom?sdeuw. 2 "temp": random(10,88)

oo
d{t|b

Cancel Save

IBM Watson IoT Platform

Device ID: 1234, Status: Disconnected, Device Type: GASLEAKAGE, Class ID: Device, Date: Nov 11, 2022 10:20 AM

Simulations: 1/50 Simulations Running

Device Type: GASLEAKAGE

1 Device: 1234

Buttons: Create Simulated Device, Use Registered Device

7 events sent, 308 bytes sent

Event	Value	Format	Last Received
pro1	{"randomNumber":92,"temp":33,"hum":97}	json	a few seconds ago
pro1	{"randomNumber":43,"temp":83,"hum":87}	json	a few seconds ago
pro1	{"randomNumber":73,"temp":50,"hum":96}	json	a few seconds ago
pro1	{"randomNumber":91,"temp":44,"hum":97}	json	a few seconds ago
pro1	{"randomNumber":46,"temp":37,"hum":86}	json	a few seconds ago

Items per page: 50 | 1-1 of 1 item

IBM Watson IoT Platform

Device ID: 1234, Status: Disconnected, Device Type: GASLEAKAGE, Class ID: Device, Date Added: Nov 11, 2022 10:20 AM, Descriptive Location:

Buttons: Add Device

Event	Value	Format	Last Received
pro1	{"randomNumber":16,"temp":23,"hum":92}	json	a few seconds ago
pro1	{"randomNumber":84,"temp":54,"hum":98}	json	a few seconds ago
pro1	{"randomNumber":88,"temp":19,"hum":83}	json	a few seconds ago
pro1	{"randomNumber":92,"temp":33,"hum":97}	json	a few seconds ago
pro1	{"randomNumber":43,"temp":83,"hum":87}	json	a few seconds ago

Items per page: 50 | 1-1 of 1 item

1 Simulation running

