

CREATE IBM WATSON IOT PLATFORM AND DEVICE

Team ID	PNT2022TMID18536
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

IBM Cloud

Search resources and products...

Catalog

Manage

Vigneashwaran B's Acc...

Dashboard

Edit dashboard

Upgrade account

Create resource

For you

Select an option

Build

Explore IBM Cloud with this selection of easy starter tutorials and services.

Build a web app with Watson Speech to Text

Deploy a conversational interface compatible with any application, device, or channel.

Getting started15 min

Get Started with Watson Studio

Get started with using AI and Cloud Object Storage in 15 minutes.

Popular2 hr

Build a Virtual Private Cloud (VPC)

Upgrade to a paid account to create your own protected space in the IBM Cloud.

Getting started7 min

Learn about IAM Roles

Learn about roles in IBM Cloud and how they work to control access.

Recommended5 min

User access

Manage users

News

View all

Planned maintenance

View



Category

Viewing 206 products

Alphabetically

Grid/List

Recommended products (6)

Compute (30)

Containers (9)

Networking (29)

Storage (19)

AI / Machine Learning (17)

Analytics (10)

Blockchain (1)

Databases (28)

Developer tools (25)

Test and monitor (2)

Analytics Engine

By IBM

Submit your Apache Spark applications as needed and customize the Spark runtimes to satisfy the requirements of your...

Lite • Free • HIPAA Enabled • IAM-enabled • Service Endpoint Supported • IBM supported

AnonTech ViziVault Platform

By Anon Technology, Inc.

Manage personal information as-a-service safely, securely, and in compliance with data privacy regulations using ViziVault

Lite • Free • HIPAA Enabled • IAM-enabled • Third party supported

API Connect

By IBM

An enterprise-grade platform for creating, securing, managing, sharing, monetizing, and analyzing custom APIs located on-...

Lite • Free • EU Supported • IAM-enabled • IBM supported

IBM Cloud

Search resources and products...

Q

Catalog

Manage

Vigneashwaran B's Acc...

?

Catalog /

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

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	Includes up to 500 registered devices, and a maximum of 200 MB of each data metric	Free

Summary

Internet of Things Platform

Free

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-fx

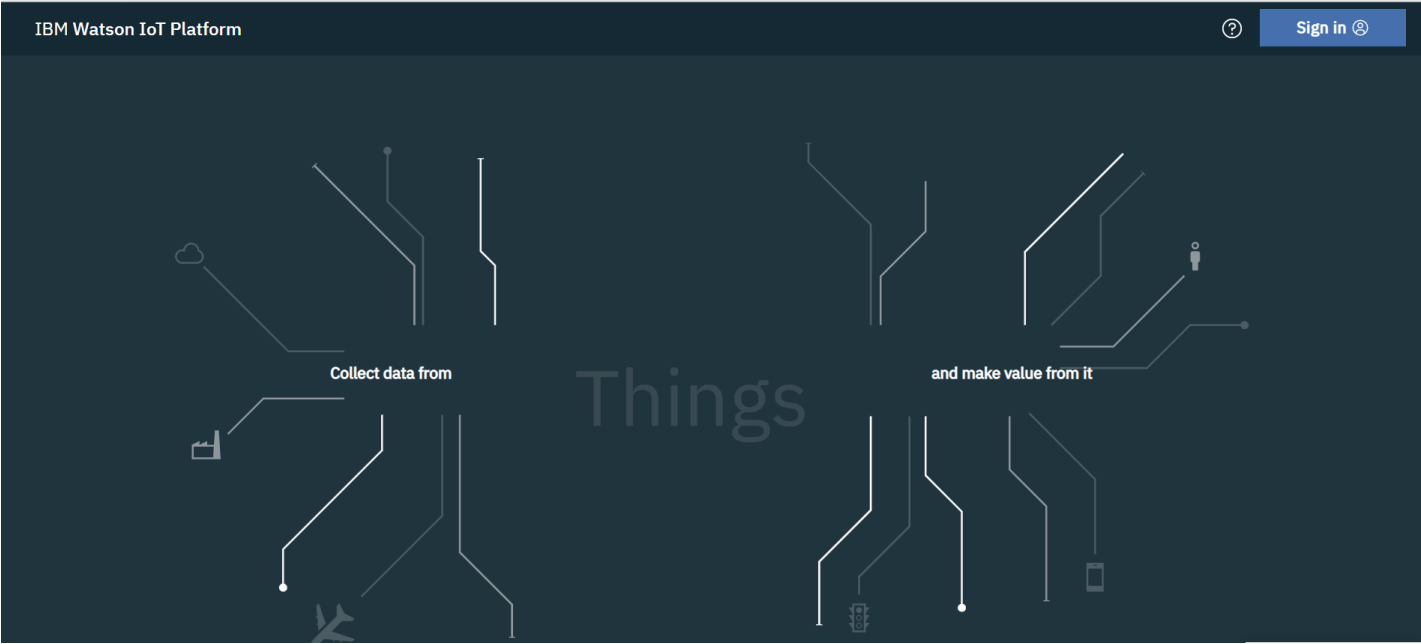
Resource group: Default

☒ I have read and agree to the following license agreements:

[Terms](#)

Create

Add to estimate



IBM Watson IoT Platform

?

vickybmsv@gmail.com
ID: vens1r

?

Browse

Action

Device Types

Interfaces

Add Device +

Browse Devices

All Devices

Diagnose

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.

Q Search by Device ID

Device Simulator ☐

101

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added
<div></div>					

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Browse

Action

Device Types

Interfaces

Add Device

✓

Identity

●

Device Information

○

Security

○

Summary

You can modify the default device information and enter more information about the device for identification purposes.

Serial Number

Enter Serial Number

Model

Enter Model

Description

Enter Description

Hardware Version

Enter Hardware Version

Manufacturer

Enter Manufacturer

Device Class

Enter Device Class

Firmware Version

Enter Firmware Version

Descriptive Location

Enter Descriptive Location

Add Metadata

+

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ID: vens1r

Browse

Action

Device Types

Interfaces

Add Device

✓

Identity

✓

Device Information

✓

Security

●

Summary

Verify that the following information is correct then select Finish

Device Type

GASLEAKAGE

Device ID

1234




View Metadata

Security Token

12345678



Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.

	Device ID	Status	Device Type	Class ID	Date Added
> 	1234	 Disconnected	GASLEAKAGE	Device	Nov 18, 2022 9:30 AM
Items per page 50 1–1 of 1 item					1 of 1 page < 1 >

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Browse

Action

Device Types

Interfaces

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

Event	Value
po1	{"randomNumber":6,"temp":87,"hum":90}
po1	{"randomNumber":31,"temp":22,"hum":84}
po1	{"randomNumber":45,"temp":10,"hum":98}
po1	{"randomNumber":5,"temp":26,"hum":85}
po1	{"randomNumber":76,"temp":56,"hum":95}

Simulations

[Import/Export simulation](#)

1/50 Simulations Running

Select or create a device type...

Device Type

GASLEAKAGE

1 Event

1 Device

1234

1 x

Create Simulated Device

Use Registered Device

Items per page 50 | 1-1 of 1 item

1 of 1 page

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ID: vens1r

Browse

Action

Device Types

Interfaces

Add Device

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

Event	Value	Format	Last Received
po1	{"randomNumber":6,"temp":87,"hum":90}	json	a few seconds ago
po1	{"randomNumber":31,"temp":22,"hum":84}	json	a few seconds ago
po1	{"randomNumber":45,"temp":10,"hum":98}	json	a few seconds ago
po1	{"randomNumber":5,"temp":26,"hum":85}	json	a few seconds ago
po1	{"randomNumber":76,"temp":56,"hum":95}	json	a few seconds ago

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

1 Simulation running

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Your boardsPublic boards

+ Create New Board

USAGE OVERVIEW

3 Cards

Owned by you

RISK AND SECURITY OVERVIEW

4 Cards

Owned by you

Boards shared with you

1 Simulation running


<

GASIBM

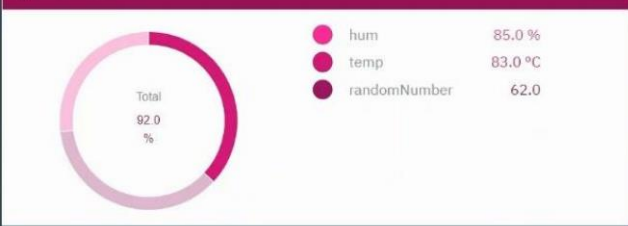
+ Add New Card

Settings

Line chart



Donut chart



hum	85.0 %
temp	83.0 °C
randomNumber	62.0

