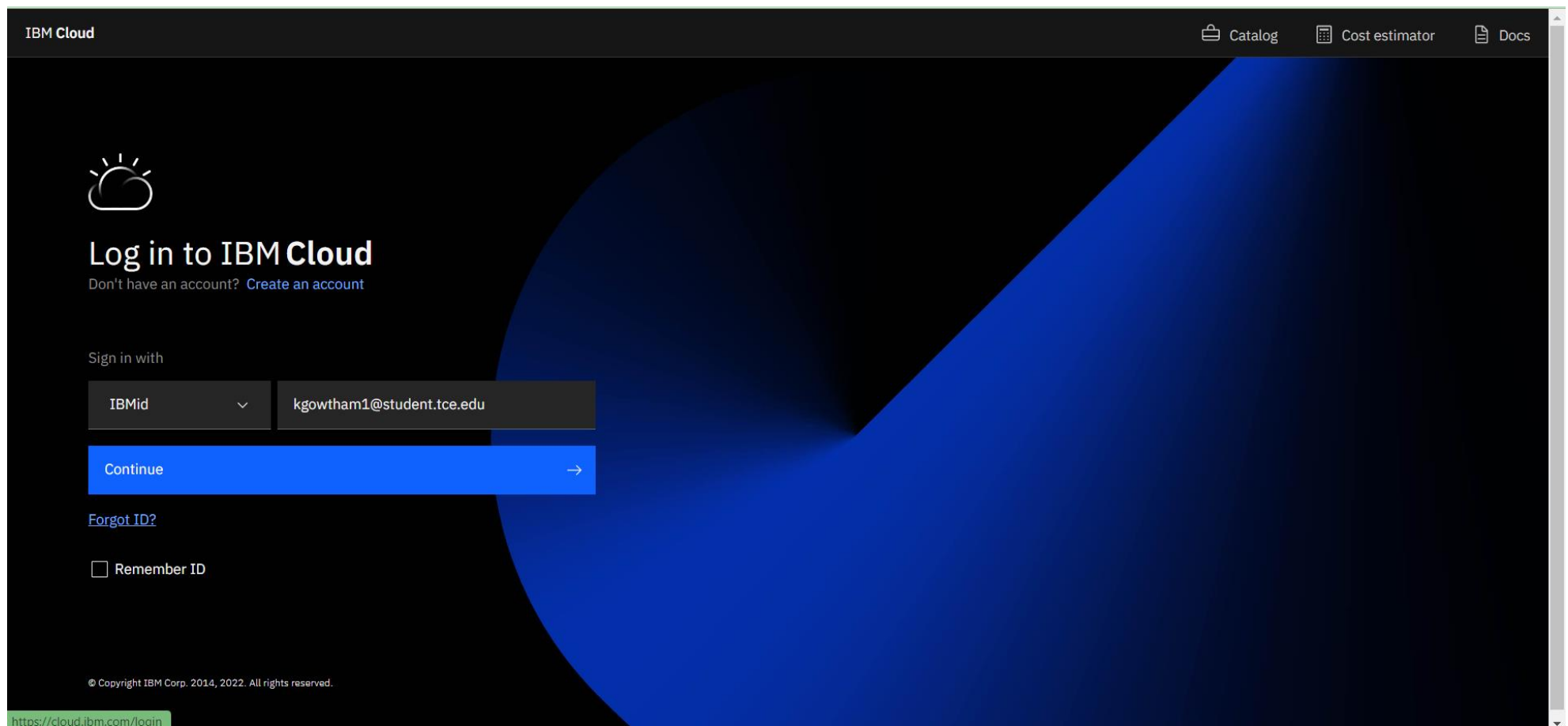















Project Development Phase



Delivery of Sprint 1


Date	29 October 2022
Team ID	PNT2022TMID21494
Project Name	Project –Gas leakage monitoring and alerting system for industries




Dashboard 

Edit dashboard  Upgrade account [Create resource](#) 

For you 

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.


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


Getting started7 min



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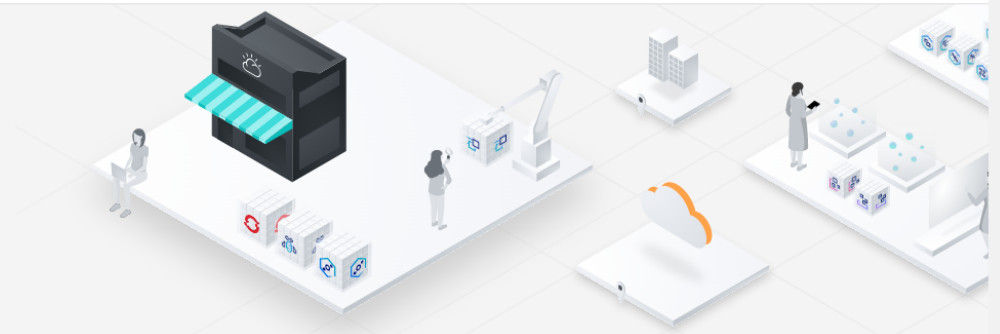
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Search the catalog...



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By IBM

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

Lite • Free • HIPAA Enabled • IAM-enabled •



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By Anon Technology, Inc.

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API Connect

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



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
Frankfurt
London
Dallas
Washington DC

Related links

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 Maximum of 500 registered devices Maximum of 500 application bindings Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed	Free

Summary

Internet of Things Platform **Free**

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-ij

Resource group: Default

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

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Create

Add to estimate

[Resource list](#) /

Internet of Things Platform-h7

✓ Active

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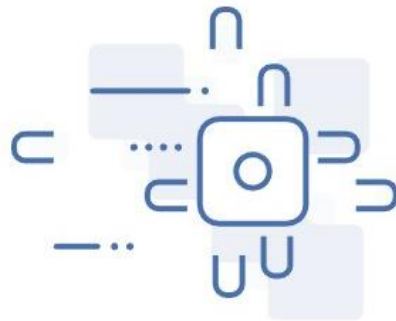
[Details](#)

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



Non-Production

The Non-Production service plan is a full-featured, fully-integrated offering that enables



Production

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



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28°C Cloudy

19:21
01-11-2022

ENG

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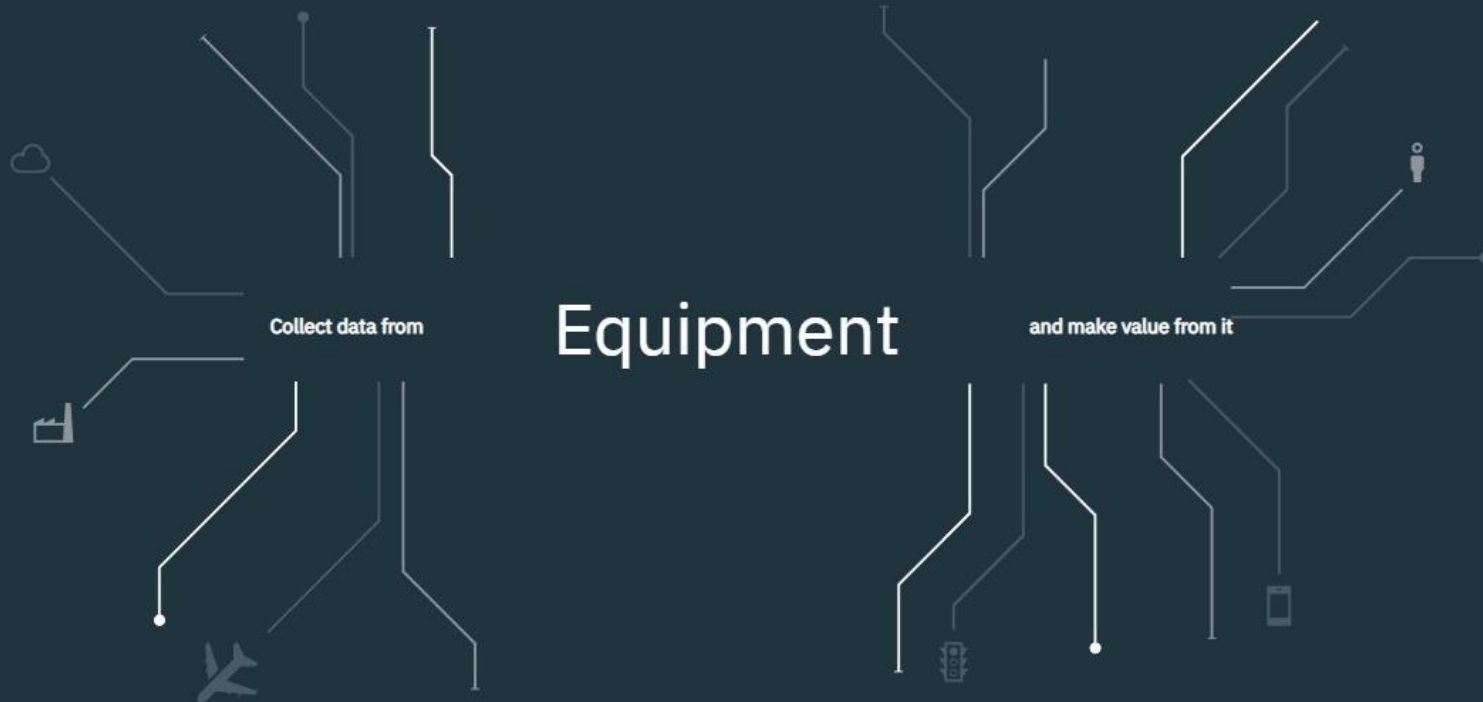


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Browse Devices

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.

Search by Device ID

Device Simulator ☐

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
--------------------------	-----------	--------	-------------	----------	------------	----------------------

You don't have any devices.

Create a device.

gasleakge

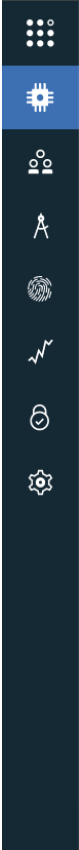
12345

7

Page 10 of 10

To be generat





← Back

Device Drilldown - 12345

Device Credentials

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

Device Credentials

You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.

Organization ID	0zi0vb
Device Type	gasleakge
Device ID	12345
Authentication Method	use-token-auth
Authentication Token	54K5h+CW6(RXFZVFGX



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

Find out how to add these credentials to your device ↗


kgowtham1@student.tce.edu
ID: 0zi0vb

Add Device 

All Devices Diagnose

🔍 Search by Device ID

Device Simulator

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
> <input type="checkbox"/>	12345	 Disconnected	gasleakge	Device	Nov 18, 2022 11:11 PM	
Items per page 50 ▾ 1–1 of 1 item						1 of 1 page < 1 ▾ >

0zi0vb.internetofthings.ibmcloud.com/dashboard/devices/browse

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IBM Watson IoT Platform

kgowtham1@student.tce.edu

Browse

Action

Device Types

Interfaces

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.

Search by Device ID

	Device ID	Status	Device Type	Class ID	Date Added
>	12345	Disconnected	gasleakge	Device	Nov 16

Items per page 50 | 1-1 of 1 item

Device Type: gasleakge

Events 1

New event type +

Event type name event_1

Send

Schedule

1

Every Minute

Payload

Specify the event payload in the editor window or by uploading a CSV file.

0 {

1 "gassensor": random(0, 100)

2 }

3

Upload a CSV file

What functions can I apply?

Cancel

Save

12345	Disconnected	gasleakge	Device	Nov 18, 2022 11:11 PM	→ ...
-------	--------------	-----------	--------	-----------------------	-------

Identity	Device Information	Recent Events	State	Logs	×
----------	--------------------	---------------	-------	------	---

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

Event	Value	Format	Last Received
event_1	{"gassensor":51}	json	a few seconds ago
event_1	{"gassensor":83}	json	a minute ago
event_1	{"gassensor":21}	json	2 minutes ago

1 Simulation running