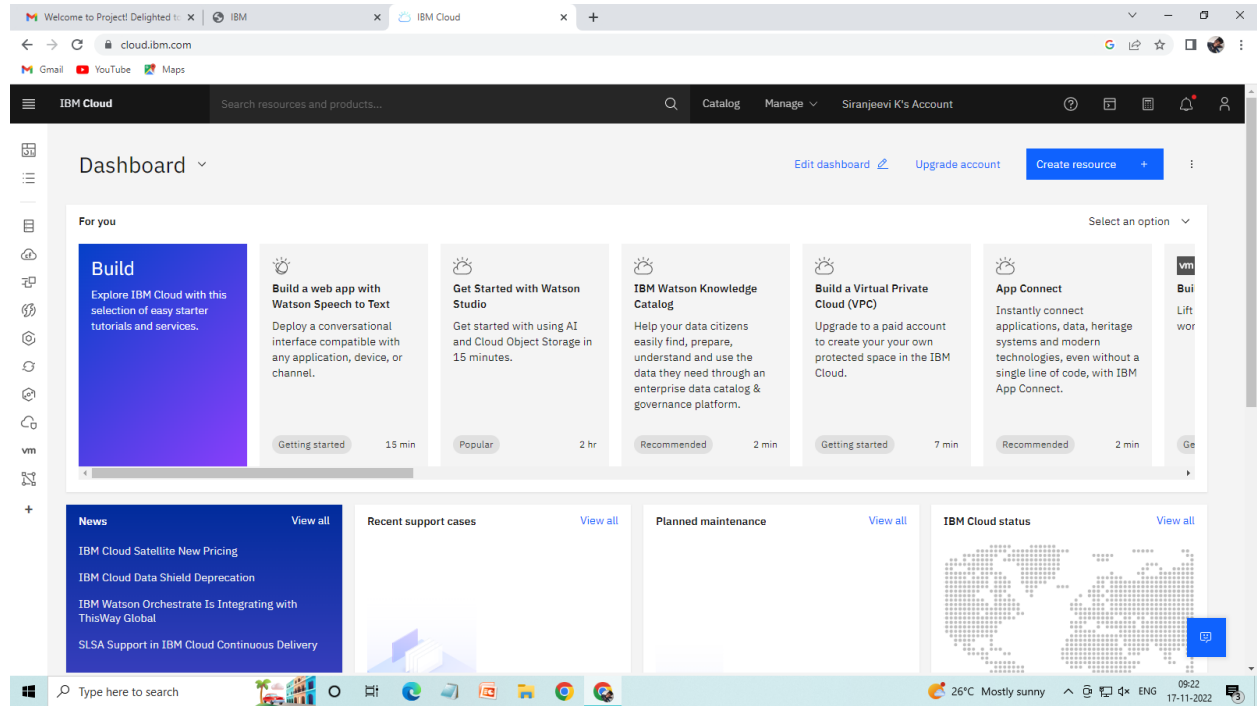


CREATE THE IBM WATSON IOT PLATFORM AND A DEVICE

Date	17 November 2022
Team ID	PNT2022TMID39018
Project Name	Gas leakage monitoring and alerting system for industries



Resource list

Create resource +


Name	Group	Location	Product	Status	Tags
Filter by name or IP address... Filter by group or org... Filter... Filter... Filter... Filter...					
Compute (2+)					
Containers (0)					
Networking (0)					
Storage (0)					
AI / Machine Learning (0)					
Analytics (0)					
Blockchain (0)					
Databases (2+)					
Developer tools (9+)					
Logging and monitoring (0)					
Migration (0)					
Integration (0+)					

Internet of Things

Alphabetically

Viewing 1 product

Filters: Internet of Things Services Clear all



Internet of Things Platform

By IBM

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.

Lite • Free • IAM-enabled • IBM supported

Type

☐ All

☒ Services

☐ Software

☐ Professional services

Provider

☐ IBM (1)

Pricing plan

☐ Lite

☐ Free

Compliance

☐ IAM-enabled

[Learn more](#)


Welcome to Project! Delighted to...IBMService Details - IBM Cloud+

cloud.ibm.com/services/iotf-service/crm%3Av1%3Abluemix%3Apublic%3Aiothf-service%3Aeu-gb%3Aa%2Fc36bf102efe84f30968865be54cc3d68%3A734ee47-0cf0-49b2-863f-cabb4222770%3A%3A7p...GmailYouTubeMaps

IBM CloudSearch resources and products...CatalogManageSiranjeevi K's Account

Resource list /Internet of Things Platform-vjActiveAdd tagsDetailsActions...

ManagePlanConnections



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.

LaunchDocs

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

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

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

Type here to search

26°C Mostly sunny17-11-202209:28

Welcome to Project! Delighted to...IBMService Details - IBM CloudIBM Watson IoT Platform+

internetofthings.ibmcloud.comGmailYouTubeMaps

IBM Watson IoT Platform

422119104025@smartin...ID: (select org)

pp95gw (ID pp95gw)Bluemix Free

Sign out

Assets

Collect data fromand make value from it

Learn More

https://pp95gw.internetofthings.ibmcloud.com/dashboard/

Type here to search

AQI 13117-11-202209:34

IBM Watson IoT Platform

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ID: pp95gw

+ Create New Board

Your boards

Sort By Recently changed

USAGE OVERVIEW
3 Cards
Owned by you

RISK AND SECURITY OVERVIEW
4 Cards
Owned by you

Boards shared with you

pp95gw.internetofthings.ibmcloud.com/dashboard/boards/

IBM Watson IoT Platform

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ID: pp95gw

Browse Action Device Types Interfaces

Add Device

Identity Device Information Security Summary

Verify that the following information is correct then select Finish

Device Type
NodeMCU

Device ID
1234

View Metadata

Security Token
12345678

Back Finish

pp95gw.internetofthings.ibmcloud.com/dashboard/devices/browse/add

IBM Watson IoT Platform

Device Drilldown - 1234

Connection Information

Device ID: 1234

Device Type: NodeMCU

Date Added: Nov 17, 2022 9:37 AM

Added By: 422119104025@smartinternz.com

Connection Status: Disconnected

Recent Events

Event	Value	Format	Last Received
-------	-------	--------	---------------

IBM Watson IoT Platform

General Settings

Custom Device Management Packages

Device Simulator

Device Type: NodeMCU

Events 1

Event type name: event_1

Schedule: 20 Every Minute

Payload: 0 { 1 "randomNumber": random(0, 100) 2 } 3

Upload a CSV file

What functions can I apply?

Cancel Save

IBM Watson IoT Platform

422119104025@smartinternz.com
ID: pp95gw

← Back

Device Drilldown - 123456

Device Credentials

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

Connection Information

Basic connection information about this device.

Device ID

123456

Device Type

NodeMCU

Date Added

Nov 17, 2022 9:45 AM

Added By

422119104025@smartinternz.com

Connection Status

Disconnected

Recent Events

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

Event	Value	Format
-------	-------	--------

Simulations

Import/Export simulation

1/50 Simulations Running

+ New Simulation

Device Type

NodeMCU

1 Event

1 Device

S NodeMCU_1

1 x

Create Simulated Device

Use Registered Device

19 events sent

471 bytes sent

Type here to search

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09:46

17-11-2022

IBM Watson IoT Platform

422119104025@smartinternz.com
ID: pp95gw

Browse

Action

Device Types

Interfaces

Add Device +

>

☐

12345

Disconnected

NodeMCU

Device

Sep 30, 2022 2:53 PM

422119104025@smartinternz.com

>

☐

123456

Disconnected

NodeMCU

Device

Nov 17, 2022 9:45 AM

422119104025@smartinternz.com

▼

☒

NodeMCU_1

Connected

NodeMCU

Device

Nov 17, 2022 9:45 AM

422119104025@smartinternz.com

→ ...

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	["randomNumber":69]	json	a few seconds ago
event_1	["randomNumber":10]	json	a few seconds ago
event_1	["randomNumber":30]	json	a few seconds ago
event_1	["randomNumber":49]	json	a few seconds ago
event_1	["randomNumber":51]	json	a few seconds ago

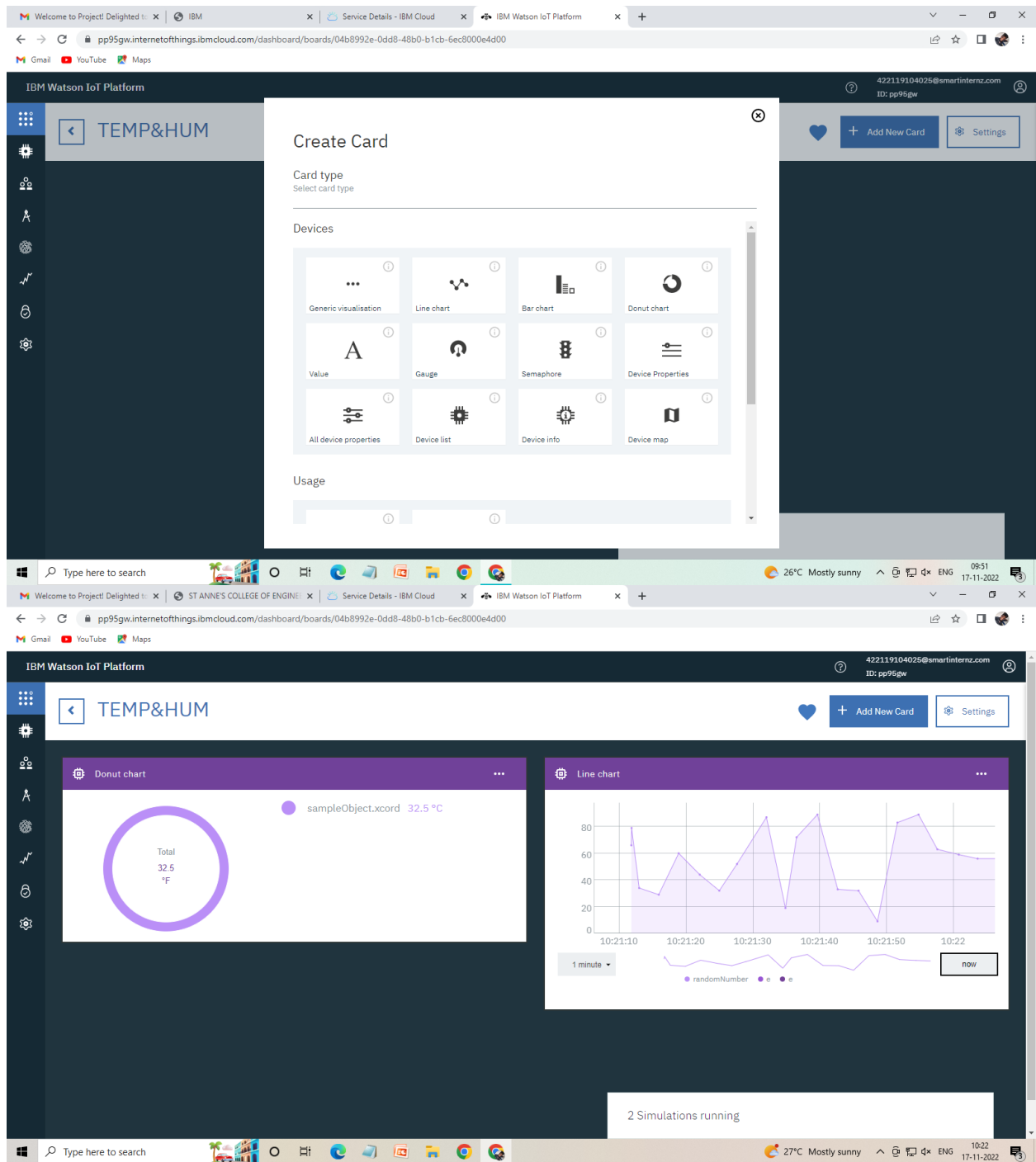
1 Simulation running

Type here to search

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09:48

17-11-2022



RESULT:

An IBM Watson Cloud for IOT and a device is created successfully.