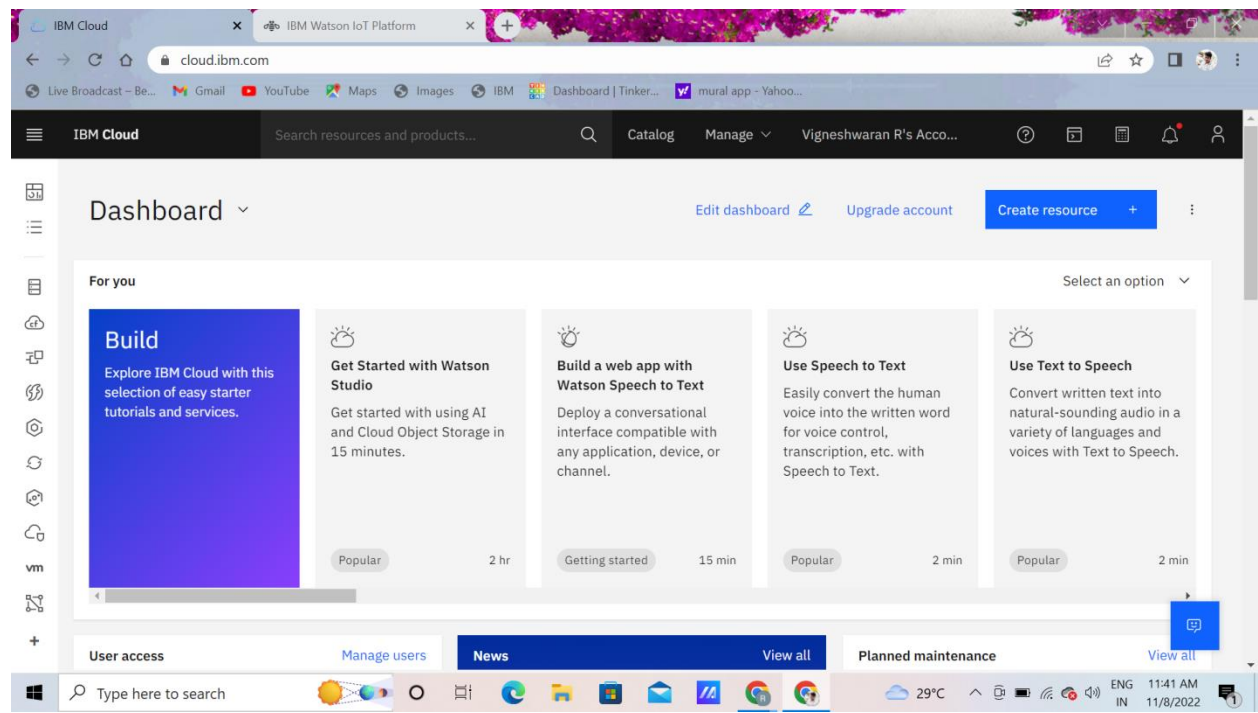


CREATE IBM WATSON IOT PLATFORM AND DEVICE

Team ID	PNT2022TMID11782
Project Name	Gas Leakage Monitoring and Alerting System
Date	3 NOVEMBER 2022



Resource list - IBM Cloud

cloud.ibm.com/resources

IBM Cloud Search resources and products... Catalog Manage Vigneshwaran R's Acco...

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...					
Analytics (0)					
Blockchain (0)					
Databases (0)					
Developer tools (0)					
Logging and monitoring (0)					
Migration (0)					
Integration (0)					
Internet of Things (1)					
Internet of Things Platform-1x	Default	Frankfurt	Internet of Things Platf...	Active	-
Security (0)					
Mobile (0)					

Type here to search

30°C 11:54 AM 11/8/2022

Catalog - IBM Cloud

cloud.ibm.com/catalog?category=iot

IBM Cloud Search resources and products... Catalog Manage Vigneshwaran R's Acco...

Search the catalog... Sell on IBM Cloud Catalog settings

Type ①

- All
- Services
- Software
- Professional services

Provider

- IBM (1)


Pricing plan ①

- Lite
- Free

Compliance

Viewing 1 product

Filters: Internet of Things X 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 here to search

29°C 11:42 AM 11/8/2022

Service Details - IBM Cloud x IBM Watson IoT Platform x


cloud.ibm.com/services/iotf-service/cm%3Av1%3Abluemix%3Apublic%3Aiotf-service%3Aeu-de%3Aa%2F83cd02a1759c456ab02c7fde8fd7893b%3A...

Live Broadcast - Be... Gmail YouTube Maps Images IBM Dashboard | Tinker... mural app - Yahoo...

IBM Cloud Search resources and products... Catalog Manage Vigneshwaran R's Acco...

Resource list / Internet of Things Platform-1x 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

Type here to search 29°C 11:43 AM 11/8/2022

Resource list - IBM Cloud x IBM Watson IoT Platform x IBM Watson IoT Platform x sketchino - Wokwi Arduino and x

d19wub.internetofthings.ibmcloud.com/dashboard/devices/browse/add

Live Broadcast - Be... Gmail YouTube Maps Images IBM Dashboard | Tinker... mural app - Yahoo...

IBM Watson IoT Platform 913019104028@smartinternz.com ID: d19wub

Browse Action Device Types Interfaces

Add Device

Identity Device Information Security Summary

Verify that the following information is correct then select Finish

Device Type
ESP32

Device ID
12345

Serial Number 1234

Model ESP32

Type here to search 30°C 12:07 PM 11/8/2022

The screenshot shows the 'Device Drilldown' page for device ID 38-FC-98-50-D8-95. The left sidebar contains a navigation menu with options: Back, Device Credentials, Connection Information, Recent Events, State, Device Information, Metadata, Diagnostics, and Connection Logs. The main content area is titled 'Device Credentials' and includes a description: '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.' Below this, a table lists the following details:

Organization ID	d19wub
Device Type	ESP32
Device ID	38-FC-98-50-D8-95
Authentication Method	use-token-auth
Authentication Token	lgqlOJ...

At the bottom of the main content area, it states '0 Simulations running'. The browser's address bar shows the URL: d19wub.internetofthings.ibmcloud.com/dashboard/devices/drilldown/ESP32:38-FC-98-50-D8-95?returnTo=/devices/browse. The system tray at the bottom indicates the time is 12:34 PM on 11/8/2022.

The screenshot shows the 'Browse' page of the IBM Watson IoT Platform. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A search bar is present with the text 'Search by Device ID'. A table lists the devices:

Device ID	Status	Device Type	Class ID	Date Added
38-FC-98-50-D8-95	Connected	ESP32	Device	8 Nov 2022 12:34

Below the table, a detailed view for the selected device is shown, including the following information:

- Device ID: 38-FC-98-50-D8-95
- Device Type: ESP32
- Date Added: 8 Nov 2022 12:34
- Added By: 913019104028@smartinternz.com
- Connection Status: Connected
- Connection Time: 8 Nov 2022 12:35
- Client Address: 216.246.119.62

At the bottom of the detailed view, it states '0 Simulations running'. The browser's address bar shows the URL: d19wub.internetofthings.ibmcloud.com/dashboard/devices/browse. The system tray at the bottom indicates the time is 12:35 PM on 11/8/2022.

RESULT:

An IBM Watson cloud for IoT and a device is created successfully.