



## PROJECT DEVELOPING PHASE

### SPRINT 1

Date	15 NOV 2022
TEAM ID	PNT2022TMID30625
Project Name	Signs with smart connectivity for better road safety
Maximum mark	20 marks

#### TEAM LEAD:

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#### TEAM MEMBERS:

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27°C Cloudy

12:21 PM

19-11-2022

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## 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  
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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><b>Includes up to 500 registered devices, and a maximum of 200 MB of each data metric</b></p> <p>Maximum of 500 registered devices</p> <p>Maximum of 500 application bindings</p> <p>Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed</p>	Free

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.

## Summary

## Internet of Things Platform

Free

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-ms

Resource group: Default

**Existing Lite plan instance**  
You can have only 1 Lite plan instance of this service per resource group. [Delete](#) your current Lite plan instance in Default resource group to create a new one, or [view the existing instance](#).

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Add to estimate

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internetofthings.ibmcloud.com

Google

Sign in

IBM Watson IoT Platform

Collect data from

Cars

and make value from it

Learn More

IBM Watson IoT Platform

main.garagepas.ibm.com ID: schiew

Cookie Preferences

Type here to search

Taskbar icons: File Explorer, Calendar, Mail, Calculator, Photos, Chrome, Teams

27°C Cloudy

12:26 PM 19-11-2022

# Device credentials information;

Service Details - IBM Cloud x IBM Watson IoT Platform x IBM Watson IoT Platform x +

hdduzt.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

jeevithaece2019@gmail.com  
ID: hdduzt

Browse Action Device Types Interfaces

Add Device +

Delete 1 item selected Cancel

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
PRO	Connected	ESP8266	Device	Nov 18, 2022 4:34 PM	

Identity Device Information Recent Events State Logs

Device ID PRO

Device Type ESP8266

Date Added Nov 18, 2022 4:34 PM

Added By jeevithaece2019@gmail.com

Connection Status **Connected**  
Connection Time: Nov 19, 2022 9:12 AM  
Client Address: 42.104.137.9 Insecure

Items per page 50 | 1-1 of 1 item

1 of 1 page

09:13 AM 19-11-2022

# Output:

The screenshot displays the IBM Watson IoT Platform dashboard. The browser address bar shows the URL `hdduzt.internetofthings.ibmcloud.com/dashboard/devices/browse`. The user is logged in as `jeevithaece2019@gmail.com` with ID `hdduzt`. The dashboard has a sidebar with navigation icons and a top navigation bar with tabs: **Browse**, **Action**, **Device Types**, and **Interfaces**. A **Add Device** button is located in the top right corner.

The main content area is divided into two sections: **Diagnostic Logs** and **Connection Logs**.

**Diagnostic Logs** section:

- Header: **Identity**, **Device Information**, **Recent Events**, **State**, **Logs** (selected).
- Description: A list of device errors and timestamps detailing when the error occurred.
- Table headers: **Severity**, **Message**, **Timestamp**.
- Content: A large icon representing a person and the text "No logs are available."

**Connection Logs** section:

- Description: A list of the connection events reported for this device.
- Table headers: **Message**, **Timestamp**.
- Log entries:

Message	Timestamp
Closed connection. The connection timed out	Nov 19, 2022 9:53 AM
Closed connection. The client ID was reused.	Nov 19, 2022 9:38 AM
Token auth succeeded: ClientID='d:hdduzt:ESP...	Nov 19, 2022 9:38 AM
Token auth succeeded: ClientID='d:hdduzt:ESP...	Nov 19, 2022 9:38 AM
Token auth succeeded: ClientID='d:hdduzt:ESP...	Nov 19, 2022 9:37 AM
Closed connection. The connection timed out	Nov 19, 2022 9:37 AM
Closed connection. The client ID was reused.	Nov 19, 2022 9:12 AM
Token auth succeeded: ClientID='d:hdduzt:ESP...	Nov 19, 2022 9:12 AM
Token auth succeeded: ClientID='d:hdduzt:ESP...	Nov 19, 2022 9:11 AM
Closed connection. The connection was closed ...	Nov 19, 2022 9:07 AM

The Windows taskbar at the bottom shows the search bar, task view, and various application icons. The system tray on the right indicates a temperature of 27°C and the time 12:43 PM on 19-11-2022.

[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
Data2	{"d":{"Name":"PRO","Humidity":65}}	json	a few seconds ago
Data1	{"d":{"Name":"PRO","Temperature":20}}	json	a few seconds ago
Data2	{"d":{"Name":"PRO","Humidity":65}}	json	a few seconds ago
Data1	{"d":{"Name":"PRO","Temperature":20}}	json	a few seconds ago

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

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