

Create The IBM Watson IOT Platform And A Device

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Team Members	JOTHI KRISHNA T - 715519106018 KARTHIKEYAN A - 715519106020 NITHIYANANTH S - 715519106031 VIPIN L - 715519106059
Project Title	Gas Leakage Monitoring And Alerting System For Industries

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The screenshot shows the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons for navigation. The main content area displays a table of devices. The first device, with ID 789456, is shown as 'Disconnected'. Below the table, a detailed view of the device is visible, showing its identity, device information, recent events, state, and logs. The device information section includes fields for Device ID, Device Type, Date Added, Added By, and Connection Status. The right sidebar shows the user's profile and account information.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
789456	Disconnected	ESP32	Device	3 Nov 2022 10:59	

Device Information:

- Device ID: 789456
- Device Type: ESP32
- Date Added: 3 Nov 2022 10:59
- Added By: vipinn44@gmail.com
- Connection Status: Disconnected

0 Simulations running

The screenshot shows the IBM Watson IoT Platform interface with the same device (ID 789456) now shown as 'Connected'. The detailed view of the device is expanded, showing the 'Recent Events' tab. This tab displays a live stream of data from the device, including event details, values, formats, and last received timestamps. The right sidebar remains the same, showing the user's profile and account information.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
789456	Connected	ESP32	Device	3 Nov 2022 10:59	

Recent Events:

Event	Value	Format	Last Received
IoTSensor	{"Gas":10,"Temp":89,"Hum":59,"Fire":27}	json	a few seconds ago
IoTSensor	{"Gas":28,"Temp":8,"Hum":31,"Fire":77}	json	a few seconds ago
IoTSensor	{"Gas":45,"Temp":88,"Hum":15,"Fire":56}	json	a few seconds ago
IoTSensor	{"Gas":58,"Temp":31,"Hum":4,"Fire":24}	json	a few seconds ago
IoTSensor	{"Gas":17,"Temp":62,"Hum":49,"Fire":98}	json	a few seconds ago

0 Simulations running

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IBM Watson IoT Platform

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tjothikrishna@gmail.com
ID: m070oj

m070oj
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Browse Action Device Types Interfaces

Search by Device ID

Device S

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
1234	Connected	Esp32	Device	3 Nov 2022 10:55	

Identity

Device Information

Recent Events

State

Logs

Device ID

Device Type

Date Added

Added By

Connection Status

1234

Esp32

3 Nov 2022 10:55

tjothikrishna@gmail.com

Connected
Connection Time: 10 Nov 2022 18:19
Client Address: 223.181.205.203 SecureToken

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Browse Action Device Types Interfaces

Search by Device ID

Device S

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
1234	Connected	Esp32	Device	3 Nov 2022 10:55	

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
IoTSensor	{"Gas":73,"Temp":45,"Hum":59,"Fire":36}	json	a few seconds ago
IoTSensor	{"Gas":58,"Temp":88,"Hum":55,"Fire":52}	json	a few seconds ago
IoTSensor	{"Gas":78,"Temp":6,"Hum":75,"Fire":67}	json	a few seconds ago
IoTSensor	{"Gas":87,"Temp":33,"Hum":87,"Fire":46}	json	a few seconds ago
IoTSensor	{"Gas":8,"Temp":19,"Hum":33,"Fire":36}	json	a few seconds ago

KARTHIKEYAN A – 715519106020

IBM Watson IoT Platform

karthikeyan31032001@gmail.com

ID: griwxxv

griwxxv

ID: griwxxv

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Browse

Action

Device Types

Interfaces

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 S

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
<input checked="" type="checkbox"/>	12345678	Connected	ESP32	Device	Nov 3, 2022 11:19 AM	

Identity

Device Information

Recent Events

State

Logs

Device ID

Device Type

Date Added

Added By

Connection Status

12345678

ESP32

Nov 3, 2022 11:19 AM

karthikeyan31032001@gmail.com

Connected

Connection Time: Nov 10, 2022 11:42 AM

Client Address: 223.182.231.225 SecureToken

0 Simulations running

IBM Watson IoT Platform

Browse

Action

Device Types

Interfaces

Device ID

Status

Device Type

Class ID

Date Added

Descriptive Location

12345678

Connected

ESP32

Device

Nov 3, 2022 11:19 AM

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
IoTSensor	{"Gas":7,"Temp":26,"Hum":44,"Fire":9}	json	a few seconds ago
IoTSensor	{"Gas":19,"Temp":30,"Hum":97,"Fire":69}	json	a few seconds ago
IoTSensor	{"Gas":52,"Temp":55,"Hum":24,"Fire":82}	json	a few seconds ago
IoTSensor	{"Gas":15,"Temp":38,"Hum":3,"Fire":17}	json	a few seconds ago
IoTSensor	{"Gas":38,"Temp":48,"Hum":23,"Fire":55}	json	a few seconds ago

0 Simulations running

karthikayan31032001@gmail.com

ID: griwxxv

griwxxv

ID: griwxxv

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NITHIYANANTH S – 715519106031

IBM Watson IoT Platform

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Browse

Action

Device Types

Interfaces

Search by Device ID

Device ID

Status

Device Type

Class ID

Date Added

Descriptive Location

123456

Connected

ESP32

Device

2 Nov 2022 20:09

Identity

Device Information

Recent Events

State

Logs

Device ID

123456

Device Type

ESP32

Date Added

2 Nov 2022 20:09

Added By

nithiyananth@gmail.com

Connection Status

Connected

Connection Time: 10 Nov 2022 18:42

Client Address: 223.181.205.203 SecureToken

Items per page 50 | 1–1 of 1 item

1 of 1 page

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nithiyananth@gmail.com

ID: 93elj1

93elj1

ID: 93elj1

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Browse

Action

Device Types

Interfaces

Search by Device ID

Device ID

Status

Device Type

Class ID

Date Added

Descriptive Location

123456

Connected

ESP32

Device

2 Nov 2022 20:09

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
IoTSensor	{"Gas":39,"Temp":74,"Hum":72,"Fire":85}	json	a few seconds ago
IoTSensor	{"Gas":100,"Temp":10,"Hum":71,"Fire":89}	json	a few seconds ago
IoTSensor	{"Gas":21,"Temp":64,"Hum":80,"Fire":91}	json	a few seconds ago
IoTSensor	{"Gas":91,"Temp":90,"Hum":61,"Fire":35}	json	a few seconds ago
IoTSensor	{"Gas":53,"Temp":37,"Hum":19,"Fire":79}	json	a few seconds ago