

CREATE AND CONFIGURE IBM CLOUD SERVICES

Create IBM WATSON IOT Platform And Device

Date	12 November 2022
Team ID	PNT2022TMID11066
Project Name	Project – Smart Solutions For Railways

IBM Cloud - IOT WATSON Platform account and Device Connection created successfully

Team Leader- IBM cloud IOT WATSON account created:- (SAHITH AFRIDI S - 811519106118)

The screenshot displays the IBM Watson IoT Platform interface. The browser address bar shows the URL: `x6wgggt.internetofthings.ibmcloud.com/dashboard/devices/drilldown/ESP32_Controller:BME280_Sensor?returnTo=/devices/browse`. The page title is "Device Drilldown - BME280_Sensor". The left sidebar contains a navigation menu with options: Device Credentials, Connection Information, Recent Events, State, Device Information, Metadata, Diagnostics, Connection Logs, and Device Actions. The main content area is titled "Device Credentials" and includes a warning message: "Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token." Below this, a table lists the device details:

Organization ID	x6wgggt
Device Type	ESP32_Controller
Device ID	BME280_Sensor
Authentication Method	use-token-auth
Authentication Token	7imwMQ*y2idPM9ExSW

At the bottom of the main content area, it states "1 Simulation running". The Windows taskbar at the bottom shows the date and time as 21:15 on 25-10-2022.

IBM Watson IoT Platform

Device Drilldown - 12345678

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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 12345678

Device Type 1234

Date Added Oct 25, 2022 2:24 PM

Added By 811519106118@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

0 Simulations running

Team Member 1- IBM cloud IOT WATSON account creation:- (SANJAY B - 811519106122)

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Add Device

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

	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
>	123456	Disconnected	ESP32	Device	Oct 27, 2022 3:24 PM	
>	12345678	Disconnected	ESP32	Device	Nov 12, 2022 11:19 PM	
>	ESP32_1	Connected	ESP32	Device	Nov 12, 2022 11:13 PM	

Items per page 50 | 1-3 of 3 items

1 of 1 page

2 Simulations running

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

← → ↻ yhuojs.internetofthings.ibmcloud.com/dashboard/devices/drilldown/ESP32:12345678?returnTo=/devices/browse

IBM Watson IoT Platform 811519106122@smartinternz.com ID: yhuojs

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Device Drilldown - 12345678

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	yhuojs
Device Type	ESP32
Device ID	12345678
Authentication Method	use-token-auth
Authentication Token	imnbyhZ82O_TipTI

! 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](#)

Connection Information

2 Simulations running

Team Member 2- IBM cloud IOT WATSON account creation:- (PALANIYAPPAN A-811519106098)

IBM App Development x Projects - Dashboard - GitLab x Node-RED: 169.51.206.190 x IBM Watson IoT Platform x +

← → ↻ bmeo8u.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform 811519106098@smartinternz.com ID: bmeo8u

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

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added
> <input type="checkbox"/>	CONTROLLER	Disconnected	ESP32	Device	Oct 31, 2022 11:26 AM
> <input type="checkbox"/>	ESP32_1	Connected	ESP32	Device	Nov 12, 2022 7:28 PM

Items per page 50 | 1-2 of 2 items

1 of 1 page

1 Simulation running

bmeo8u
ID: bmeo8u
Bluemix Free

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Sign Out

IBM Watson IoT Platform

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Device Drilldown - CONTROLLER

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

Connection Information

Basic connection information about this device.

Device ID	CONTROLLER
Device Type	ESP32
Date Added	Oct 31, 2022 11:26 AM
Added By	811519106098@smartinternz.com
Connection Status	Connected
Connection Time: Nov 12, 2022 11:36 PM	
Client Address: 157.49.64.42 SecureToken	

Recent Events

The recent events listed show the live stream of data

Event	Value
1 Simulation running	

Team Member 3 -IBM Cloud IOT WATSON account creation:- (DIWAKAR M - 8115191063

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Add Device

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

	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
>	12345678	Disconnected	ESP32	Device	Nov 12, 2022 11:26 PM	

Items per page 50 | 1-1 of 1 item

1 of 1 page

IBM Watson IoT Platform

fgndv6.internetofthings.ibmcloud.com/dashboard/devices/drilldown/ESP32:12345678?returnTo=/devices/browse

811519106301@smartinternz.com
ID: fgndv6

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Device Drilldown - 12345678

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	fgndv6
Device Type	ESP32
Device ID	12345678
Authentication Method	use-token-auth
Authentication Token	Dlr9XHOGzUs6&5NGqs

⚠

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 ↗

Connection Information

Basic connection information about this device.