

Create IBM Watson IoT Platform and Device

Team ID	PNT2022TMID15126
Project Name	Smart Waste Management System for Metropolitan Cities.

Creating IoT device:

← Back

Close

Save

Connection Security

Use the Connection Security policy to set the default security level that is applied to all devices. You can then add custom rules for specific devices.

Default Rule

Define the default connection security level to use for all device types that do not have custom rules defined.

Scope	Security Level	# of Devices
Default	TLS Optional	0 devices

IBM Watson IoT Platform

uec19437@rmd.ac.in
ID: 2w9m6v

Browse

Action

Device Types

Interfaces

Add Device

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
123	Disconnected	Smart_bin-01.	Device	Nov 19, 2022 3:50 PM	

Identity

Device Information

Recent Events

State

Logs

Device ID

Device Type

Date Added

Added By

Connection Status

123

Smart_bin-01.

Nov 19, 2022 3:50 PM

uec19437@rmd.ac.in

Disconnected

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1

1 Simulation running

IBM Watson IoT Platform

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ID: 2w9m6v

Browse IBM Cloud Apps

+ Generate API Key

Browse API Keys

Type the app description to search for

This table shows a summary of the API keys that have been added for the organization. It can be filtered, organized, and search on using different criteria. To get started, you can add API keys by clicking Generate API Key, or by using the API. For more information about adding API keys, see [API key connection](#).

<input type="checkbox"/>	Key	Description	Role	Expires	
2 results					
<input type="checkbox"/>	a-2w9m6v-s9bo5yg81r	-	Standard Application	-	...
<input type="checkbox"/>	a-2w9m6v-vtuz41wusr	API Key for the device simulator	Standard Application	-	...

Event payload:

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+ Add Device

Event Payload

Event Name event_1

Time Received Nov 19, 2022 6:51 PM

```
1 {  
2   "Bin Weight": 5,  
3   "Garbage level": 63,  
4   "Latitude": "13.0827° N",  
5   "Longitude": "90.2707° E"  
6 }
```

123

Identity Device Information

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

Event	Value
event_1	["Bin Weight":5,"
event_1	["Bin Weight":62
event_1	["Bin Weight":36
event_1	["Bin Weight":64
event_1	["Bin Weight":66

1 Simulation running

Recent events:

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ID: 2w9m6v

Browse Action Device Types Interfaces

+ Add Device

123 Disconnected Smart_bin-01. Device Nov 19, 2022 3:50 PM

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
status	["latitude":13.635348424735064,"longitude":7...	json	19 minutes ago
event_1	["Bin Weight":93,"Garbage level":35,"Latitude":...	json	19 minutes ago
event_1	["Bin Weight":99,"Garbage level":70,"Latitude":...	json	19 minutes ago
event_1	["Bin Weight":44,"Garbage level":29,"Latitude":...	json	19 minutes ago
status	["latitude":13.655230555182262,"longitude":7...	json	19 minutes ago

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1 Simulation running