IBM Cloud Services

Team ID	PNT2022TMID11082
Project Name	**Project -** SmartFarmer - IoT Enabled Smart Farming Application

- Created The IBM Watson IOT Platform and a Device

Internet of Things Platform-w1 ⊘ 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

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Lite

The Lite service plan provides a lightweight development environment to get you started with the connectivity capabilities of Watson IoT Platform.

- Free
- 200 MB data-transfer limit
- 500 application bindings limit

Non-Production

The Non-Production service plan is a full-featured, fully-integrated offering that enables you to explore Watson IoT Platform to see how the service can fit into your IoT environment.

- Starts at $500 per month
- Capacity limit based on device type
- Optional Analytics Service and Blockchain

Production

The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.

- Includes IBM Service & Support
- Pricing based on number of devices per device type

IBM Watson IoT Platform

⊘   Sign in ⊗

Collect data from   **Buildings**   and make value from it

Learn More

Cookie Preferences

Screenshot 1

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
> ☐	1234	⚡ Disconnected	abcd	Device	Nov 11, 2022 10:00 AM

Items per page 50 ▾ | 1–1 of 1 item

1 Simulation running

Screenshot 2

IBM Watson IoT Platform

Browse   Action   Device Types   Interfaces

Browse Devices

All Devices   Diagnose

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🔍 Search by Device ID

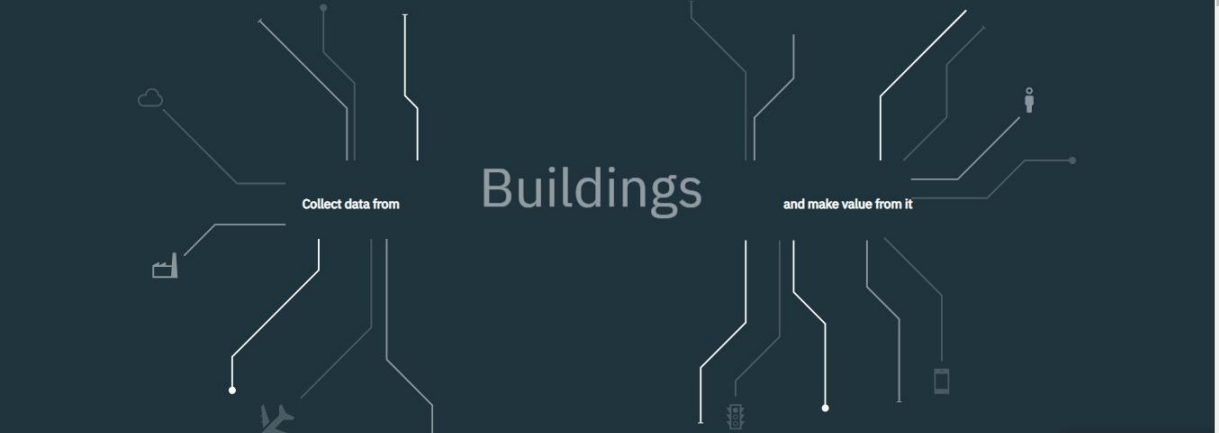| ☐	Device ID	Status	Device Type
˅ ☐	1234	⚡ Disconnected	abcd

Identity   Device Information   **Recent Events**   State   Logs

‹ Device Type: abcd ˅

Events 1

New event type ⊕

˅ Event type name   event_1

Send 🗑

Schedule

1   Every Minute ▾

Payload

Specify the event payload in the editor window or by uploading a **CSV file.**

```
0  {
1      "randomNumber": random(0, 100),
2      "temp": random(90,110),
3      "hum": random(60,100)
4  }
5
```

Upload a CSV file

Add Device ⊕

| | 1234 | ⬊ Disconnected | abcd | Device | Nov 11, 2022 10:00 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
event_1	{"randomNumber":51,"temp":97,"hum":60}	json	a few seconds ago
event_1	{"randomNumber":68,"temp":101,"hum":94}	json	a minute ago
event_1	{"randomNumber":79,"temp":95,"hum":66}	json	2 minutes ago
event_1	{"randomNumber":66,"temp":107,"hum":84}	json	3 minutes ago
event_1	{"randomNumber":67,"temp":109,"hum":67}	json	3 minutes ago

1 Simulation running