In order to connect the IoT device to the IBM cloud, credential create a device in the IBM Watson IoT platform and get the devices.

IBM **Watson IoT Platform**

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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
>	☐	123	Disconnected	hp1501	Device	11 Oct 2022 10:32 PM	
>	☐	1234	Disconnected	assign4hp	Device	26 Oct 2022 8:12 PM	
>	☐	hp1501_1	Disconnected	hp1501	Device	26 Oct 2022 9:32 PM	

Items per page 50 ▼ | 1–3 of 3 items

1 of 1 page   ‹ 1 ▼ ›

2 Simulations running

Browse   Action   Device Types   Interfaces

| ∨ | ■ | hp1501_1 | ● Connected | hp1501 | Device | 26 (|

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
event1hp	{"randomNumber":3,"temp":43,"hum":82}	json	a few secor
event1hp	{"randomNumber":52,"temp":39,"hum":99}	json	a few secor
event1hp	{"randomNumber":11,"temp":21,"hum":92}	json	a few secor
event1hp	{"randomNumber":94,"temp":42,"hum":83}	json	a few secor
event1hp	{"randomNumber":76,"temp":37,"hum":89}	json	a minute ag

Items per page 50 ∨ | 1–3 of 3 items

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‹ Device Type: hp1501 ∨

Events 1   **New event type** ⊕

∨ Event type name   event1hp   **Send**   🗑

Schedule

[2]   [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(10,80),
3      "hum": random(80,100)
4  }
5
```

Upload a CSV file

Cancel   **Save**

ultrasonic

Add New Card   Settings

Line chart   •••

80

60

40

20

0

13:21   13:22   13:23   13:24   13:25
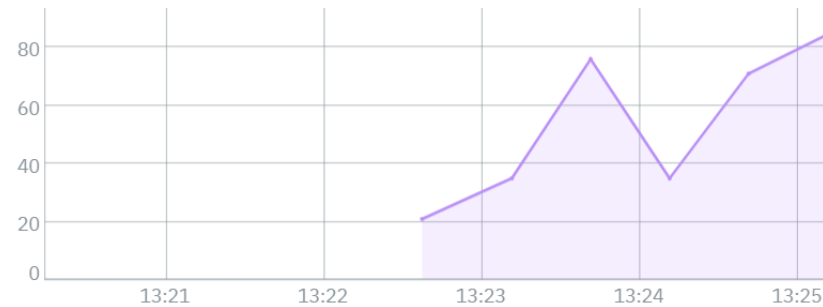
5 minutes ▾

• distance

now

2 Simulations running