

IBM Watson IOT Platform And Device

Task: To create IBM Watson IOT Platform and Device. The platform and device are created successfully.

- IBM Watson IoT platform acts as the mediator to connect the web application to IoT device, so create the IBM Watson IoT platform.
- In order to connect the IoT device to the IBM cloud, create a device in the IBM Watson IoT platform and get the device credentials.
- Configure the connection security and create API keys that are used in the Node-RED service for accessing the IBM IoT Platform.

The screenshot displays the IBM Watson IoT Platform interface. The main view shows a list of devices, with one device selected and its 'Recent Events' tab active. A modal window is open for creating a new event type.

Device List Table:

Device ID	Status	Device Type	Class ID	Date Added
123	Disconnected	a	Device	Nov 7, 2022 3:16 PM

Recent Events Table:

Event	Value	Format	Last Received
event_1	{"randomNumber":4,"temp":81,"humidity":98}	json	a few seconds ago
event_1	{"randomNumber":79,"temp":85,"humidity":100}	json	a few seconds ago
event_1	{"randomNumber":7,"temp":91,"humidity":96}	json	a few seconds ago
event_1	{"randomNumber":42,"temp":96,"humidity":91}	json	a few seconds ago

Event Type Modal:

- Device Type:** a
- Events:** 1
- Event type name:** event 1
- Schedule:** 20 Every Minute
- Payload:**

```
{
  1: "randomNumber": random(0, 100),
  2: "temp": random(80, 110),
  3: "humidity": random(90, 100),
  4: }
5:
```
- Buttons:** Upload a CSV file, Cancel, Save