

Create the IBM Watson IoT Platform and a Device

Resource list - IBM Cloud

Node-RED : node-red-undcc-20

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Internet of Things Platform-k4

Default

Frankfurt

Internet of Things Platform

Active

—

:

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4:45 PM 10/23/2022

Service Details - IBM Cloud

Node-RED : node-red-undcc-20

https://cloud.ibm.com/services/iotf-service/crn%3Av1%3Abluemix%3Apublic%3Aaiof-service%3Aeu-de%3Aa%2F23f4b3212

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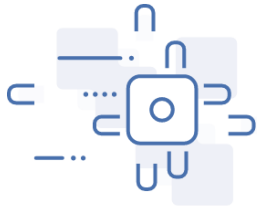
Details

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

✓ Lite

○ Non-Production

○ Production

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Create the IBM Watson IoT Platform and a Device

The screenshot displays the IBM Watson IoT Platform dashboard in a web browser. The top navigation bar includes tabs for 'Service Details - IBM Cloud', 'IBM Watson IoT Platform', and 'Node-RED : node-red-undcc-2'. The browser address bar shows the URL <https://rlybybh.internetofthings.ibmcloud.com/dashboard/devices/browse>. The dashboard header shows the user's email (811019106007@smartinternz.com) and ID (rlybybh).

The main content area is titled 'Browse' and contains a table of devices. The table has columns for Device ID, Status, Device Type, Class ID, and Date Added. A single device is listed with ID 'b11m3edevicid', status 'Connected', and type 'b11m3edevicetype'. Below the table, it indicates '1 Simulation running'.

A modal window is open, showing the configuration for a device type 'b11m3edevicetype'. It includes a 'New event type' button and a 'Send' button. The 'Event type name' is 'event_1'. The 'Schedule' is set to 'Every Minute'. The 'Payload' is a JSON object:

```
{
  "Temperature": random(0, 100),
  "Humidity": random(0, 100)
}
```

. There is also an 'Upload a CSV file' button.

The bottom of the dashboard shows a table of recent events for the selected device. The table has columns for Event, Value, and For. The events are as follows:

Event	Value	For
event_1	{"Temperature":17,"Humidity":21}	js...
event_1	{"Temperature":70,"Humidity":64}	js...
event_1	{"Temperature":31,"Humidity":95}	js...
event_1	{"Temperature":85,"Humidity":52}	js...

Create the IBM Watson IoT Platform and a Device

The image displays two screenshots of the IBM Watson IoT Platform dashboard, illustrating the process of creating and managing a device and running simulations.

Top Screenshot: Simulations Panel

The top screenshot shows the "Simulations" panel. It indicates "1/50 Simulations Running" and provides a "New Simulation" button. A dropdown menu for "Device Type" shows "b11m3edevicetype" with "1 Event" and a "1 Device" count. Below this, a table lists recent events for the device "b11m3edevicetype".

Event	Value	Format	Last Received
event_1	{"Temperature":4,"Humidity":3}	json	a few seconds ago
event_1	{"Temperature":1,"Humidity":88}	json	a few seconds ago
event_1	{"Temperature":17,"Humidity":21}	json	a few seconds ago
event_1	{"Temperature":70,"Humidity":64}	json	a few seconds ago
event_1	{"Temperature":31,"Humidity":95}	json	a few seconds ago

Buttons at the bottom of the simulation panel include "1 x", "Create Simulated Device", and "Use Registered Device".

Bottom Screenshot: Device Management Panel

The bottom screenshot shows the "Device Management" panel. It displays a table of devices, including "b11m3edevicetype" with status "Disconnected". A "Add Device" button is visible in the top right corner. Below the table, the "Recent Events" section shows a live stream of data for the selected device.

Event	Value	Format	Last Received
event_1	{"Temperature":93,"Humidity":11}	json	a few seconds ago
event_1	{"Temperature":88,"Humidity":24}	json	a few seconds ago
event_1	{"Temperature":37,"Humidity":87}	json	a few seconds ago

The bottom screenshot also shows a "1 Simulation running" status at the bottom right.

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