

Create The IBM Watson IoT Platform And A Device

Date	14 November 2022
Team ID	PNT2022TMID52856
Project Name	SmartFarmer - IoT Enabled Smart Farming Application

IBM Watson IoT Platform- Device simulation

Node

esp2

Events

1

Event type name

Sensor_data

Frequency

20 × Every Minute

Send

Payload

You can override field values in the event payload that is sent by this device. Specify the override values in the editor window.

0

{

1

"Temperature":

random(16, 50),

2

"Soil moisture":

random(250,850),

3

"Ambient Light-LDR":

random(0,1023),

4

"Rain sensor":

random(0,1023),

5

"pH sensor":

random(5,9)

6

}

7

Cancel

Save

94ab7c.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform1904106ece@cit.edu.inID: 94ab7c

Browse

Action

Device Types

Interfaces

Add Device

>

Rk44

Disconnected

esp32_node

Device

Nov 1, 2022 10:50 PM

▼

esp2

Disconnected

Node

Device

Nov 13, 2022 2:13 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
Sensor_data	{"Temperature":47,"Soil moisture":642,"Ambient...	json	a few seconds ago
Sensor_data	{"Temperature":30,"Soil moisture":516,"Ambient...	json	a few seconds ago
Sensor_data	{"Temperature":30,"Soil moisture":614,"Ambient...	json	a few seconds ago
Sensor_data	{"Temperature":16,"Soil moisture":529,"Ambient...	json	a few seconds ago
Sensor_data	{"Temperature":29,"Soil moisture":498,"Ambient...	json	a few seconds ago

Items per page 50 | 1-2 of 2 items

1 Simulation running

▼

esp2

Disconnected

Node

Device

Nov 13, 2022 2:13 PM

Identity

Device Information

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√

Showing Raw Data | No Interfaces Available

Property	Value	Type	Event	Last Received
Temperature	29	Number	Sensor_data	a few seconds ago
Soil moisture	522	Number	Sensor_data	a few seconds ago
Ambient Light-LDR	272	Number	Sensor_data	a few seconds ago
Rain sensor	225	Number	Sensor_data	a few seconds ago
pH sensor	7	Number	Sensor_data	a few seconds ago

Identity

Device Information

The recent events listed show the live

Event	Value
Sensor_data	{"Temperature"::
Sensor_data	{"Temperature"::
Sensor_data	{"Temperature"::
Sensor_data	{"Temperature"::
Sensor_data	{"Temperature"::

Event Payload

Event Name Sensor_data

Time Received Nov 14, 2022 10:06 PM

1	{
2	"Temperature": 47,
3	"Soil moisture": 642,
4	"Ambient Light-LDR": 263,
5	"Rain sensor": 923,
6	"pH sensor": 8
7	}

Smart Agriculture



+ Add New Card

Settings

