

# CREATE AND CONFIGURE IBM CLOUD SERVICES

## Create IBM Watson platform and Devices

Date : 15 October 2022

Team ID : PNT2022TMID37707

Project Name Project - SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFE

The screenshot displays the IBM Watson IoT Platform dashboard. The main panel shows a list of devices, with one device selected and its details expanded. The 'Recent Events' tab is active, showing a table of events. A modal window is open for configuring a new event type, showing the 'Event type name' as 'event\_2', a schedule of 'Every Minute', and a JSON payload editor.

Event	Value
event_1	{"randomNumber":31}
event_1	{"randomNumber":83}
event_2	{"randomNumber":94,"sampleObject":{"xcord":...
event_2	{"randomNumber":25,"sampleObject":{"xcord":...
event_2	{"randomNumber":11,"sampleObject":{"xcord":...

```
{
  "randomNumber": random(0, 100),
  "sampleObject": {
    "xcord": 32.514,
    "ycord": 151.521
  }
}
```

The screenshot displays the IBM Watson IoT Platform dashboard, focusing on the 'Simulations' section. A modal window is open for creating a new simulation, showing the 'Device Type' as 'iot\_devices' and the 'Device' as '1234'. The 'Simulations' panel shows '1/50 Simulations Running' and a 'New Simulation' button. The 'Recent Events' tab is also visible, showing a table of events.

Event	Value
event_1	{"randomNumber":31}
event_1	{"randomNumber":83}
event_2	{"randomNumber":94,"sampleObject":{"xcord":...
event_2	{"randomNumber":25,"sampleObject":{"xcord":...
event_2	{"randomNumber":11,"sampleObject":{"xcord":...

IBM Watson IoT Platform

Device Type: `iot_devices`

Events 3

New event type +

Event type name: `event_3` Send

Schedule: 60 Every Minute

Payload: Specify the event payload in the editor window or by uploading a [CSV file](#).

```
0 {
1   "randomNumber": random(0, 100),
2   "sampleObject": {
3     "xcord": 32.514,
4     "ycord": 151.521
5   }
6 }
```

Event	Value
event_3	{"randomNumber":46,"sampleObject":{"xcord":...
event_3	{"randomNumber":56,"sampleObject":{"xcord":...
event_1	{"randomNumber":31}
event_1	{"randomNumber":83}
event_2	{"randomNumber":94,"sampleObject":{"xcord":...

Items per page 50 | 1-1 of 1 item

IBM Watson IoT Platform

410119106009@smartinternz.com  
ID: 7kb3es

+ Create New Board

Your boards Public boards

IOT MONITOR BOARD

No cards

Owned by you

USAGE OVERVIEW

3 Cards

Owned by you

RISK AND SECURITY OVERVIEW

4 Cards

Owned by you

+

Boards shared with you

1 Simulation running

Welcome to Project! Delight...

IBM

NalaiyaThiran-Training & Pro...

IBM Cloud

IBM Watson IoT Platform

7kb3es.internetofthings.ibmcloud.com/dashboard/boards/91540bce-5e4a-4aca-9612-236ab43a8649

GmailYouTubeMapsNew Raspberry Pi P...Colorful Clean 5 Poi...


IBM Watson IoT Platform

410119106009@smartinternz.com  
ID: 7kb3es

Iot monitor board

+ Add New Card

Settings



You currently have an empty board

+ Add New Card

1 Simulation running

Type here to search

31°C Cloudy11:14 PM10/15/2022

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IBM Cloud

IBM Watson IoT Platform

7kb3es.internetofthings.ibmcloud.com/dashboard/boards/91540bce-5e4a-4aca-9612-236ab43a8649

GmailYouTubeMapsNew Raspberry Pi P...Colorful Clean 5 Poi...

IBM Watson IoT Platform

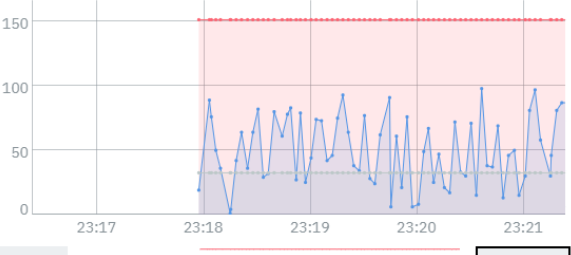
410119106009@smartinternz.com  
ID: 7kb3es

Iot monitor board

+ Add New Card

Settings

Line chart



5 minutes

now

1 Simulation running

Type here to search

31°C Cloudy11:21 PM10/15/2022

IBM Watson IoT Platform

410119106009@smartinternz.com  
ID: 7kb3es

Your boardsPublic boards

Create New Board

Your boards

Sort ByRecently changed

IOT MONITOR BOARD

1 Card

Owned by you

USAGE OVERVIEW

3 Cards

Owned by you

RISK AND SECURITY OVERVIEW

4 Cards

Owned by you

Boards shared with you

1 Simulation running

Welcome to Project! Delight...

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Type here to search

31°C Cloudy

11:25 PM  
10/15/2022

IBM Watson IoT Platform

410119106009@smartinternz.com  
ID: 7kb3es

BrowseActionDevice TypesInterfaces

Add Device

123DisconnectedArduino\_123DeviceOct 15, 2022 11:37 PM

IdentityDevice InformationRecent EventsStateLogs

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":"Hi Deepika"}	json	a few seconds ago
event_2	{"randomNumber":59,"sampleObject":{"xcord":...	json	a few seconds ago
event_3	{"randomNumber":63,"sampleObject":{"xcord":...	json	a few seconds ago
event_1	{"randomNumber":"Hi Deepika"}	json	a few seconds ago
event_2	{"randomNumber":28,"sampleObject":{"xcord":...	json	a few seconds ago

2 Simulations running

Welcome to Project! Delight...

IBM

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IBM Cloud

IBM Watson IoT Platform

7kb3es.internetofthings.ibmcloud.com/dashboard/devices/browse

GmailYouTubeMapsNew Raspberry Pi P...Colorful Clean 5 Poi...

Type here to search

32°C Cloudy

11:41 PM  
10/15/2022

IBM Watson IoT Platform

Browse

Action

Device Types

Interfaces

123

Disconnected

Arduino\_123

Identity

Device Information

Recent Events

State

The recent events listed show the live stream of data that is coming and going

Event	Value
event_1	{"randomNumber":"Hi Deepika"}
event_2	{"randomNumber":85,"sampleObject":{"xcord":...
event_3	{"randomNumber":6,"sampleObject":{"xcord":3...
event_1	{"randomNumber":"Hi Deepika"}
event_2	{"randomNumber":12,"sampleObject":{"xcord":...

Simulations

Import/Export simulation

2/50 Simulations Running

New Simulation

Device Type

Arduino\_123

3 Events

1 Device

123

1 x

Create Simulated Device

Use Registered Device

Device Type

iot\_devices

2 Events

1 Device

S iot\_devices\_1

1 x

Create Simulated Device

Use Registered Device

Type here to search

32°C Cloudy

11:41 PM

10/15/2022