CREATE AND CONFIGURE IBM CLOUD SERVICES

(IBM Watson, Node-Red)

Date	22 October 2022
Team ID	PNT2022TMID13566
Project Name	Industry-specific intelligent fire management system
Maximum Marks	8 Marks

IBM Watson IoT Platform and Device:

IBM Watson IOT Platform is a cloud-hosted service that makes it simple to derive value from Internet of Things (IOT) devices . Also a fully managed , cloud-hosted service with capabilities for device registration, connectivity, control, rapid visualization and data storage.

Device Type: 123

Events 1

New event type +

⌄ Event type name `event_1`   Send   🗑

Schedule

`20`   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(90,100),
3    "hum" : random(60,100)
4  }
5
```

Upload a CSV file

Cancel   Save

mathavanvj15@gmail.com
ID: pq685h

Browse   Action   Device Types   Interfaces

Add Device

abcd   Disconnected   123   Device   Nov 3, 2022 12:13 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
event_1	{"randomNumber":70,"temp":97,"hum":89}	json	a few seconds ago
event_1	{"randomNumber":88,"temp":94,"hum":92}	json	a few seconds ago
event_1	{"randomNumber":30,"temp":91,"hum":85}	json	a few seconds ago
event_1	{"randomNumber":53,"temp":92,"hum":91}	json	a few seconds ago
event_1	{"randomNumber":26,"temp":96,"hum":77}	json	a few seconds ago

1 Simulation running

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Browse   Action   Device Types   Interfaces

Add Device

abcd   Disconnected   123   Device   Nov 3, 2022 12:13 PM

Identity   Device Information   Recent Events   State   Logs

Showing Raw Data | No Interfaces Available

Property	Value	Type	Event	Last Received
randomNumber	9	Number	event_1	a few seconds ago
temp	94	Number	event_1	a few seconds ago
hum	76	Number	event_1	a few seconds ago

Items per page 50 ▾ | 1–1 of 1 item   1 of 1 page   ‹   1 ▾   ›

1 Simulation running

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Browse   Action   Device Types

Add Device ⊕

abcd

Event Payload

Identity   Device

| Event Name | event_1 |
| Time Received | Nov 4, 2022 12:29 AM |

The recent events listed

```
1  {
2    "randomNumber": 98,
3    "temp": 98,
4    "hum": 77
5  }
```

Event	Val
event_1	{"ra
event_1	{"ra
event_1	{"ra
event_1	{"ra
event_1	{"ra

1 Simulation running