# CREATE AND CONFIGURE IBM CLOUD SERVICES

## (IBM Watson, Node-Red)

| | |
|---|---|
| Date | 17 November 2022 |
| Team ID | PNT2022TMID15675 |
| 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

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

---

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

Browse    Action    Device Types                                                  Add Device ⊕

⌄    ☐    abcd                                                      :13 PM    →    ...

        Identity    Device          ✕

Event Payload                                    ×

The recent events listed

Event Name          event_1

Time Received       Nov 4, 2022 12:29 AM

Event    Vali

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

event_1    {"ra

event_1    {"ra

event_1    {"ra

event_1    {"ra

event_1    {"ra

1 Simulation running