

## Testing the web UI by giving the required inputs

Date	19-11-2022
Team ID	PNT2022TMID40456
Project name	Smart solutions for railways

The screenshot displays the IBM Watson IoT Platform web interface. The browser address bar shows the URL: <https://kh3lkw.internetofthings.ibmcloud.com/dashboard/devices/browse>. The user is logged in as **annadurapavithra8@gmail.com** with ID: **kh3lkw**. The main navigation bar includes tabs for **Browse**, **Action**, **Device Types**, and **Interfaces**, along with an **Add Device** button. A modal window titled **Identity** is open, displaying the following details:

Identity	Device Information	Recent Events	State	Logs
Device ID	script			
Device Type	pyscript			
Date Added	Nov 18, 2022 8:07 AM			
Added By	annadurapavithra8@gmail.com			
Connection Status	<b>Disconnected</b> Last Connected: Nov 19, 2022 2:18 AM Client Address: 157.49.166.79 SecureToken Duration: 7 minutes Data Transferred: 11.2 KB			

At the bottom of the modal, it indicates **Items per page 50** and **1-2 of 2 items**. The page number **1 of 1 page** is also shown. The Windows taskbar at the bottom displays the search bar, system tray with weather (26°C Haze), and the date/time (05:55, 19-11-2022).

IBM Watson IoT Platform

annaduraispavithra8@gmail.com  
ID: kh3lkw

Browse Action Device Types Interfaces

Add Device

Waiting for device events...

Items per page 50 | 1-2 of 2 items

1 of 1 page

Type here to search

26°C Haze

05:57  
19-11-2022

IBM Watson IoT Platform

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ID: kh3lkw

Browse Action Device Types Interfaces

Add Device

### Diagnostic Logs

A list of device errors and timestamps detailing when the error occurred.

Severity	Message	Timestamp
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No logs are available.

### Connection Logs

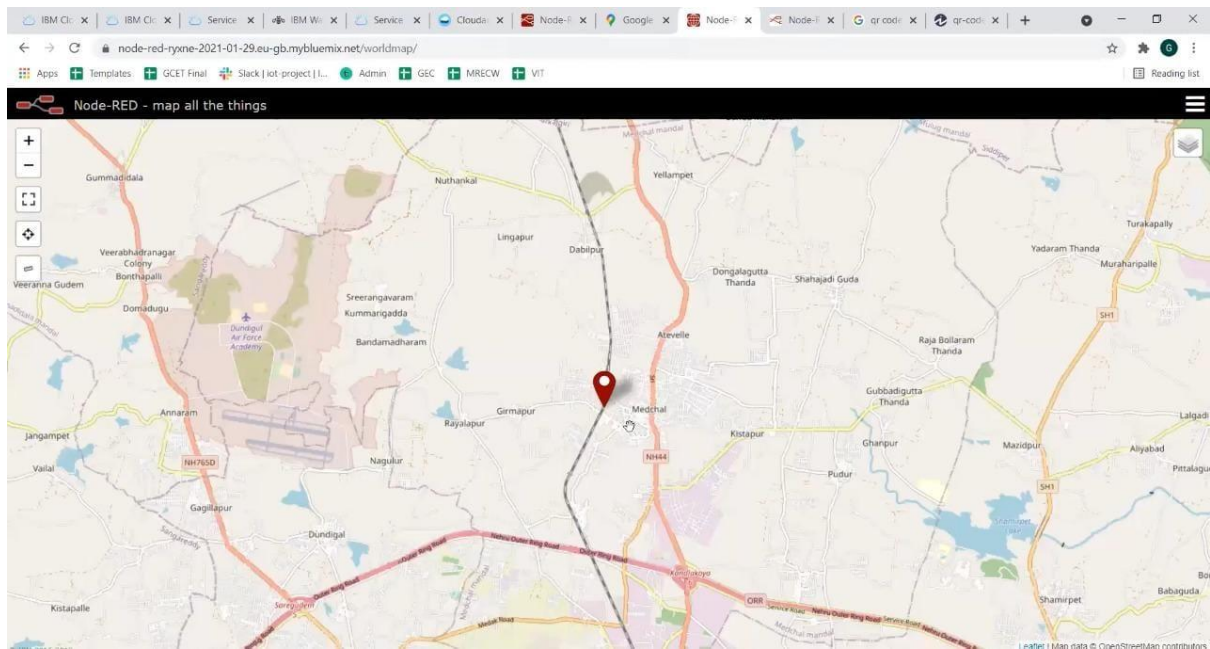
A list of the connection events reported for this device.

Message	Timestamp
Closed connection. The connection timed ...	Nov 19, 2022 2:18 AM
Closed connection. The connection timed ...	Nov 19, 2022 2:18 AM
Token auth succeeded: ClientID='d:kh3lkw...	Nov 19, 2022 2:11 AM
Closed connection. The connection timed ...	Nov 19, 2022 2:08 AM
Token auth succeeded: ClientID='d:kh3lkw...	Nov 19, 2022 2:04 AM
Closed connection. The connection timed ...	Nov 19, 2022 1:35 AM
Token auth succeeded: ClientID='d:kh3lkw...	Nov 19, 2022 1:17 AM
Closed connection. The connection was cl...	Nov 18, 2022 8:14 AM
Token auth succeeded: ClientID='d:kh3lkw...	Nov 18, 2022 8:10 AM

Type here to search

27°C Haze

06:27  
19-11-2022



pythoncode(1).py - C:/Users/gopik/Downloads/pythoncode(1).py (3.7.1)

File Edit Format Run Options Window Help

```
import wiotp
import time
import random
myConfig = {
    "identity": {
        "orgId": "kh3lkw",
        "typeId": "pyscript",
        "deviceId": "script"
    },
    "auth": {
        "token": "XFbQaps87Lb0xzGr_h"
    }
}

def myCommandCallback(cmd):
    print ("Message received from IBM IoT Platform: %s" % cmd.data['command'])
    m=cmd.data['command']

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

def pub (data):
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
    print ("Published data Successfully: %s", myData)

while True:
    myData={'name': 'Train1', 'lat': 17.6387448, 'lon': 78.4754336}
    pub (myData)
    time.sleep (3)
    #myData={'name': 'Train2', 'lat': 17.6387448, 'lon': 78.4754336}
    #pub (myData)
    #time.sleep (3)
    myData={'name': 'Train1', 'lat': 17.6341908, 'lon': 78.4744722}
    pub (myData)
    time.sleep (3)
    myData={'name': 'Train1', 'lat': 17.6340889, 'lon': 78.4745052}
    pub (myData)
    time.sleep (3)
    myData={'name': 'Train1', 'lat': 17.6248626, 'lon': 78.4720259}
    pub (myData)
```

Ln: 23 Col: 16

```
* Python 3.7.1 Shell*
```

```
File Edit Shell Debug Options Window Help
```

```
Published data Successfully: %s ('name': 'Train1', 'lat': 17.6188577, 'lon': 78.4698726)
```

```
Published data Successfully: %s ('name': 'Train1', 'lat': 17.6132382, 'lon': 78.4707318)
```

```
Published data Successfully: %s ('name': 'Train1', 'lat': 17.6387448, 'lon': 78.4754336)
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Ln: 573 Col: 0

☰

QR CODE GEN

Default

Boarding Station

Vijayawada

▼

Destination

Bangalore

▼

Seat

Select option

▼

Name \*

Age \*

Mobile No \*

SUBMIT

CANCEL



CLEAR