

CREATE IBM WATSON IOT PLATFORM AND DEVICE

TEAM ID: PNT2022TMID10536

STEP 1:

The screenshot shows the IBM Cloud console interface for creating an Internet of Things Platform. The main heading is "Internet of Things Platform" with a description: "This service is the hub of all things IBM IoT, it is where you can set up and manage your connected devices so that your apps can access their live and historical data." Below this, there are tabs for "Create" and "About".

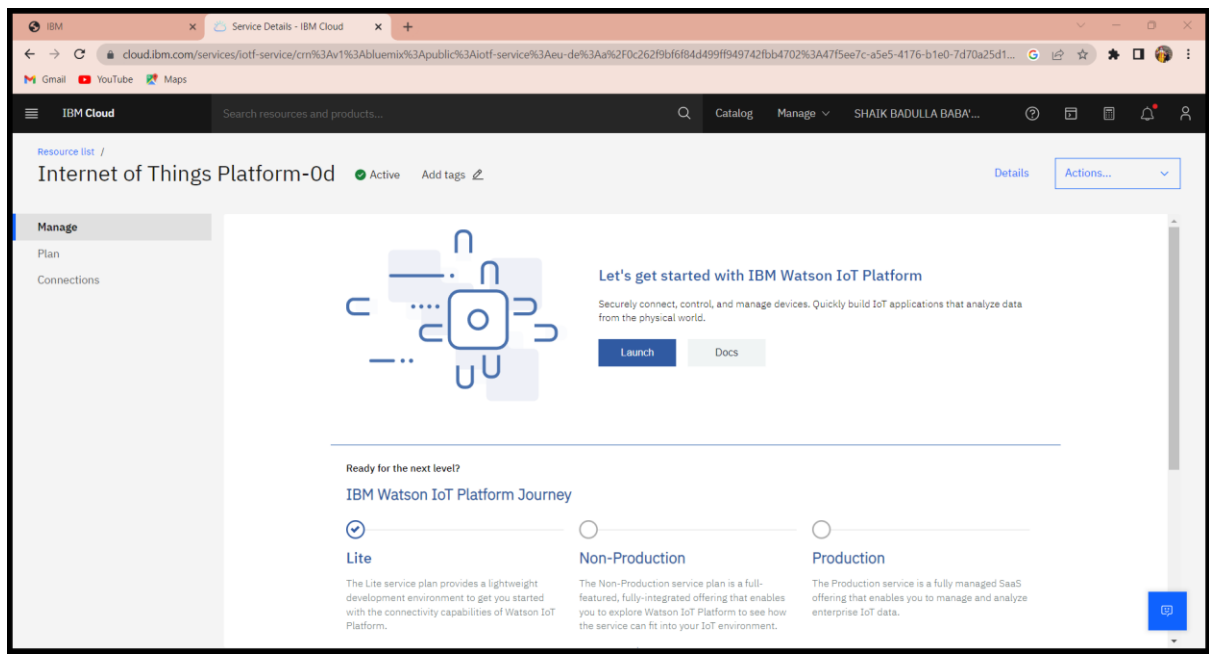
On the left sidebar, the "Type" is "Service", the "Provider" is "IBM", and the "Last updated" date is "08/15/2022". The "Category" is "Internet of Things". Under "Compliance", it says "IAM-enabled". The "Location" options are "Frankfurt", "London", "Dallas", and "Washington DC". There are also "Related links" for "Docs".

The main content area has a "Select a location" dropdown menu currently set to "Frankfurt (eu-de)". Below this is a "Select a pricing plan" section with a note: "Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)".

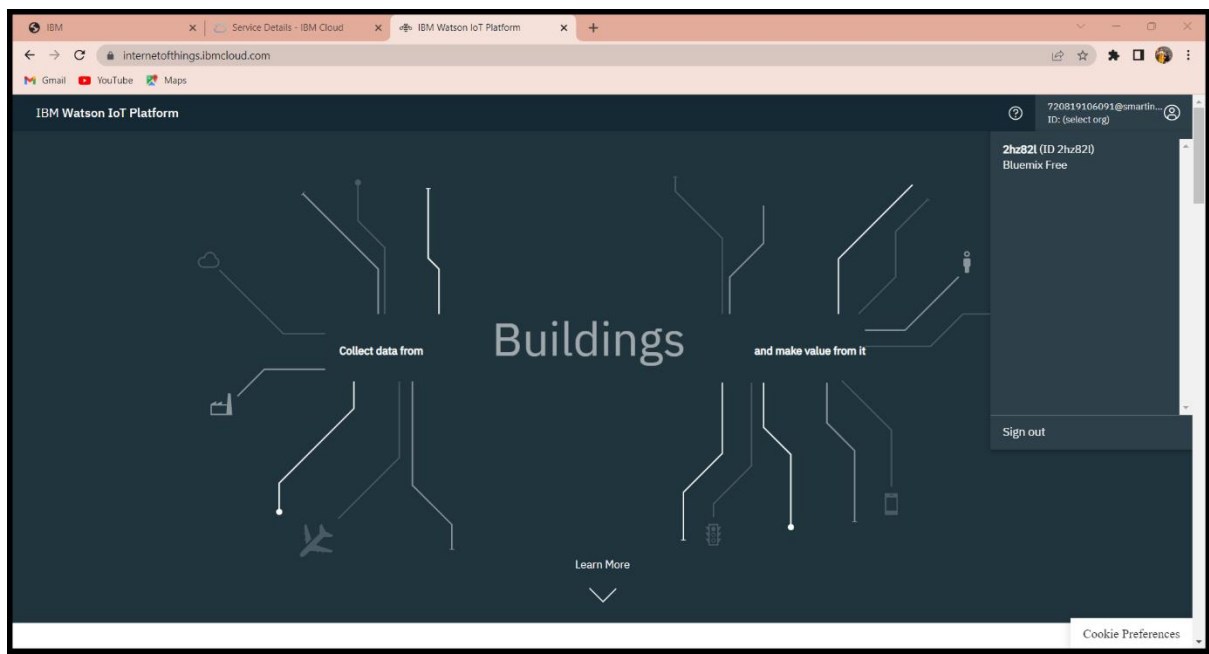
Plan	Features	Pricing
Lite	Includes up to 500 registered devices, and a maximum of 200 MB of each data metric Maximum of 500 registered devices Maximum of 500 application bindings Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed	Free

On the right side, there is a "Summary" panel showing the "Internet of Things Platform" is "Free". It lists the "Location: Frankfurt", "Plan: Lite", "Service name: Internet of Things Platform-nh", and "Resource group: Default". Below this is a warning message: "Existing Lite plan instance. You can have only 1 Lite plan instance of this service per resource group. [Delete](#) your current Lite plan instance in Default resource group to create a new one, or [view the existing instance](#)." At the bottom of the summary panel, there is a checkbox for "I have read and agree to the following license agreements:" with a "Terms" link, and two buttons: "Create" and "Add to estimate".

STEP 2:



STEP 3:



STEP 4:

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Add Device

Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
PNT2022TMID10536	Disconnected	PNT2022TMID10536	Device	13 Nov 2022 4:33 PM	

Items per page 50 | 1-1 of 1 item

1 of 1 page

0 Simulations running

STEP 5:

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Add Device

Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device ID	Status	Device Type	Class ID
PNT2022TMID10536	Disconnected	PNT2022TMID10536	Device

Items per page 50 | 1-1 of 1 item

Device Type: PNT2022TMID10536

Events 1

New event type

Event type name event_1

Send

Schedule

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     "xcoord": 32.514,
4     "ycoord": 151.521
5   }
6 }
7 }
```

Cancel Save

STEP 6:

The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. The main content area shows the details for a device with ID 'PNT2022TMD10536', which is currently 'Disconnected'. The 'Recent Events' tab is selected, showing a table of live data events. The table has columns for 'Event', 'Value', 'Format', and 'Last Received'. Five events are listed, each with a value containing a random number and a sample object. A status message at the bottom right indicates '1 Simulation running'.

Event	Value	Format	Last Received
event_1	{"randomNumber":41,"sampleobject":{"xcoord":3...	json	a few seconds ago
event_1	{"randomNumber":73,"sampleobject":{"xcoord":3...	json	a few seconds ago
event_1	{"randomNumber":13,"sampleobject":{"xcoord":3...	json	a few seconds ago
event_1	{"randomNumber":15,"sampleobject":{"xcoord":3...	json	a few seconds ago
event_1	{"randomNumber":81,"sampleobject":{"xcoord":3...	json	a few seconds ago

1 Simulation running