

Ibm cloud platform:

Configuring IBM platform:

The screenshot shows the IBM Cloud catalog page for the Internet of Things Platform. The page is titled "Internet of Things Platform" and includes a "Create" button. Below the title, there are sections for "Select a region" and "Select a pricing plan". A table lists the available plans, with columns for Plan, Features, and Pricing. The table shows two plans: Capacity Level 1 and Capacity Level 2. The Capacity Level 1 plan includes 5,000 sensor devices and 1 million analytics events, with a price of \$8,000.00 USD/Plan. The Capacity Level 2 plan includes 25,000 sensor devices and 5 million analytics events. The page also includes a "Summary" sidebar on the right with a "Create" button and a "View terms" link. The bottom of the page shows a Windows taskbar with various application icons and a search bar.

127.0.0.1 x Activate your Subscription with S x Internet of Things Platform - IBM x Node-RED x +

cloud.ibm.com/catalog/services/internet-of-things-platform

IBM Cloud Search resources and offerings...

Catalog Docs Support Manage Sree Vaishnavi ...

Catalog / Services /

Internet of Things Platform

Author: IBM • Date of last update: 09/03/2019 • Docs

Create About

Select a region

Select a pricing plan

Plan	Features	Pricing
Capacity Level 1	Capacity Level 1 includes 5,000 sensor devices and 1 million analytics events	
Capacity Level 2	Capacity Level 2 includes 25,000 sensor devices and 5 million analytics events	

Waiting for cloud.ibm.com...

kick-off_meeting_a...pdf

Type here to search

11:00 AM 6/28/2020

The screenshot shows the IBM Cloud catalog page for the Internet of Things Platform, specifically the "Configure your resource" section. The page displays the "Internet of Things Platform-3n" service name and the "Default" resource group. The "Tags" section shows examples: env:dev, version-1. The "Summary" sidebar on the right provides details about the service, including the region (London), plan (Lite), service name (Internet of Things Platform-3n), and resource group (Default). The "Create" button is highlighted in blue. The bottom of the page shows a Windows taskbar with various application icons and a search bar.

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cloud.ibm.com/catalog/services/internet-of-things-platform

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Analytics Service analytics

Capacity Level 1 Capacity Level 1 includes 5,000 sensor devices and 1 million analytics events

Watson IoT Platform Connection and Analytics Service Capacity Level 2

IBM Watson IoT Platform (Connection Service and Analytics Service) is a ready-to-run, pre-integrated SaaS managed service IoT platform with capabilities in connectivity, data management and advanced analytics

Capacity Level 2 includes 25,000 sensor devices and 5 million analytics events

\$8,000.00 USD/Plan

Configure your resource

Service name

Internet of Things Platform-3n

Select a resource group

Default

Tags

Examples: env:dev, version-1

Summary

Internet of Things Platform Free

Region: London

Plan: Lite

Service name: Internet of Things Platform-3n

Resource group: Default

Create

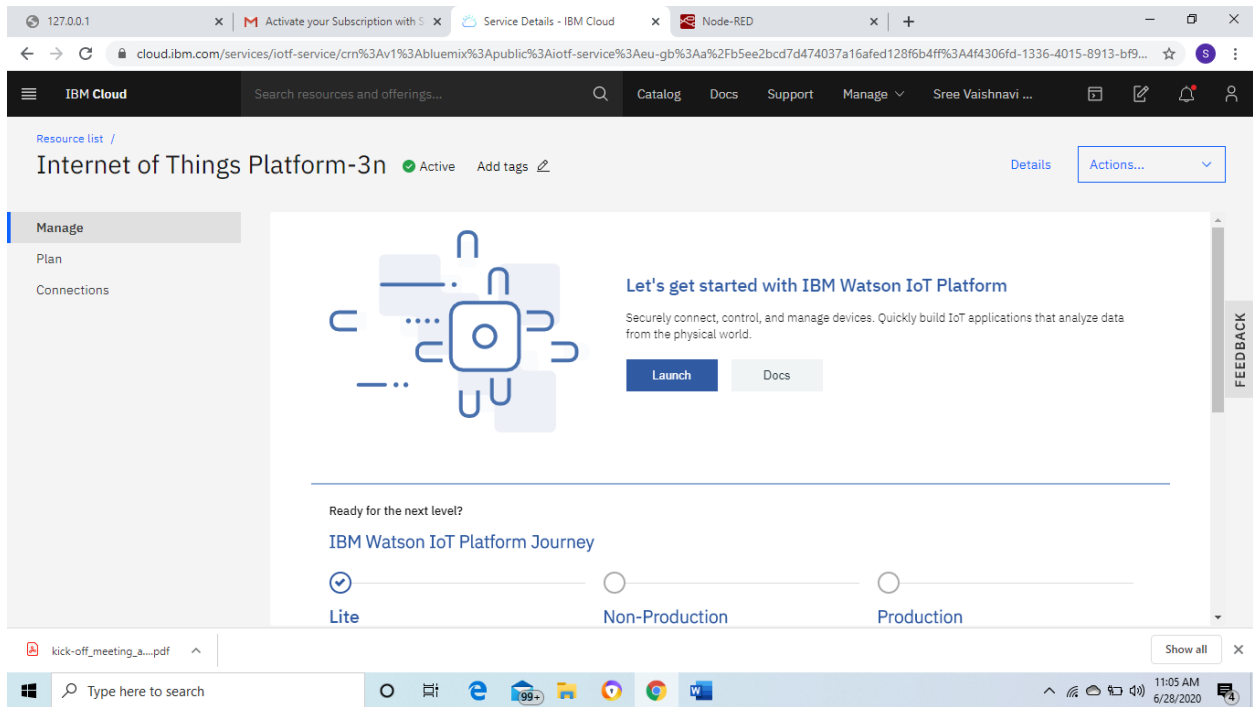
Add to estimate

View terms

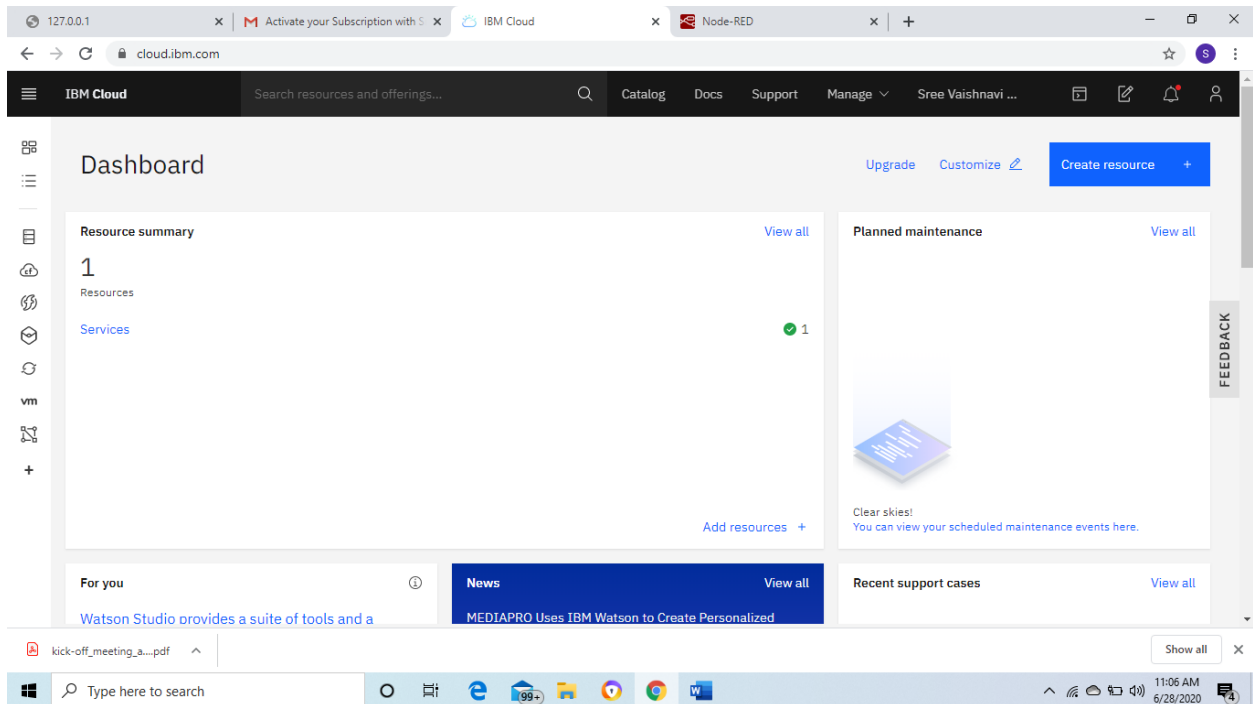
kick-off_meeting_a...pdf

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11:02 AM 6/28/2020



Click launch. It is the main dashboard of IOT platform



Main dashboard of iot platform:

The screenshot shows the 'Browse Devices' page in the IBM Watson IoT Platform. The browser's address bar displays the URL <https://15c144.internetofthings.ibmcloud.com/dashboard/devices/browse>. The page header includes the user's email 'sreevaishnavig@gmail.com' and ID '15c144'. The main navigation bar has tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains icons for various platform features. The 'Browse Devices' section includes a sub-header with 'All Devices' and 'Diagnose' buttons. Below this is a descriptive paragraph about the device table. A search bar labeled 'Search by Device ID' is present, along with a 'Device Simulator' toggle and filter icons. A table with columns 'Device ID', 'Status', 'Device Type', 'Class ID', and 'Date Added' is shown, but it is currently empty. The bottom of the page features a Windows taskbar with the search bar and several application icons.

<https://15c144.internetofthings.ibmcloud.com/dashboard/devices/browse>

The screenshot shows the 'Add Device Type' page in the IBM Watson IoT Platform. The browser's address bar displays the URL <https://15c144.internetofthings.ibmcloud.com/dashboard/devices/types/add>. The page header shows the user's email 'sreevaishnavig@gmail.com' and ID '15c144'. The main navigation bar has tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. The 'Device Types' section includes a descriptive paragraph about device types. Below this is a form with fields for 'Type' (with 'Device' and 'Gateway' buttons), 'Name' (containing 'Iot_Device1'), and 'Description'. A note explains that the device type name is used for unique identification and API use. The form has 'Cancel' and 'Next' buttons at the bottom. The bottom of the page features a Windows taskbar with the search bar and several application icons.

127.0.0.1 x Activate your Subscription with... x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

15c144.internetofthings.ibmcloud.com/dashboard/devices/types/add

IBM Watson IoT Platform sreevaishnavi@gmail.com ID: 15c144

Browse Action Device Types Interfaces

Add type

Identity Device Information

These attributes will be used as a template for new devices that are assigned this device type

[Edit Metadata](#)

Serial Number	<input type="text" value="Enter Serial Number"/>	Manufacturer	<input type="text" value="Enter Manufacturer"/>
Model	<input type="text" value="Enter Model"/>	Device Class	<input type="text" value="Enter Device Class"/>
Description	<input type="text" value="Enter Description"/>	Firmware Version	<input type="text" value="Enter Firmware Version"/>
Hardware Version	<input type="text" value="Enter Hardware Version"/>	Descriptive Location	<input type="text" value="Enter Descriptive Location"/>

[Back](#) [Finish](#)

Cookie Preferences

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Show all

Type here to search

11:15 AM 6/28/2020

127.0.0.1 x Activate your Subscription with... x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

15c144.internetofthings.ibmcloud.com/dashboard/devices/browse/add?type=lot_Device1

IBM Watson IoT Platform sreevaishnavi@gmail.com ID: 15c144

Browse Action Device Types Interfaces

Add Device

Identity Device Information Security Summary

You can modify the default device information and enter more information about the device for identification purposes

Serial Number	<input type="text" value="Enter Serial Number"/>	Manufacturer	<input type="text" value="Enter Manufacturer"/>
Model	<input type="text" value="Enter Model"/>	Device Class	<input type="text" value="Enter Device Class"/>
Description	<input type="text" value="Enter Description"/>	Firmware Version	<input type="text" value="Enter Firmware Version"/>
Hardware Version	<input type="text" value="Enter Hardware Version"/>	Descriptive Location	<input type="text" value="Enter Descriptive Location"/>

[Add Metadata](#)

Hey Sree Vaishnavi,

The fastest way to learn about the Watson IoT Platform is to build an application.

Let's build a conveyor belt monitoring application with a Raspberry Pi or simulated device. This sample app will show how Watson IoT Platform can be used in real use cases.

[Learn More](#)

Cookie Preferences

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11:17 AM 6/28/2020

127.0.0.1 x Activate your Subscription with... x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED x + -

15c144.internetofthings.ibmcloud.com/dashboard/devices/browse/add?type=lot_Device1

IBM Watson IoT Platform sreevaishnavig@gmail.com ID: 15c144

Browse Action Device Types Interfaces

Identity Device Information Security Summary

There are two options for selecting a device authentication token.

Auto-generated authentication token (default)

Allow the service to generate an authentication token for you. Tokens are 18 characters and contain a mix of alphanumeric characters and symbols. The token is returned to you at the end of the device registration process.

Self-provided authentication token

Provide your own authentication token for this device. The token must be between 8 and 36 characters and contain a mix of lowercase and uppercase letters, numbers, and symbols, which can include hyphens, underscores, and periods. Do not use repeated characters, dictionary words, user names, or other predefined sequences.

Authentication Token

Make a note of the generated token. Lost authentication tokens cannot be recovered. Tokens are encrypted before being stored.

Authentication token are encrypted before we store them.

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Type here to search

11:17 AM 6/28/2020

127.0.0.1 x Activate your Subscription with... x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED x + -

15c144.internetofthings.ibmcloud.com/dashboard/devices/browse/add?type=lot_Device1

IBM Watson IoT Platform sreevaishnavig@gmail.com ID: 15c144

Browse Action Device Types Interfaces

Add Device

Identity Device Information Security Summary

Verify that the following information is correct then select Done

Device Type
Iot_Device1

Device ID
123456

[View Metadata](#)

Security Token
12345678

Cookie Preferences

kick-off_meeting_a...pdf

Type here to search

11:18 AM 6/28/2020

The screenshot shows the IBM Watson IoT Platform interface. The top navigation bar includes the IBM logo and the text "IBM Watson IoT Platform". The user's email "sreevaishnavi@gmail.com" and organization ID "ID: l5c144" are displayed in the top right corner. The main content area is titled "Device Drilldown - 123456". On the left, a sidebar menu lists various options: "Device Credentials", "Connection Information", "Recent Events", "State", "Device Information", "Metadata", "Diagnostics", "Connection Logs", and "Device Actions". The "Device Credentials" section is currently selected, showing a table with the following information:

Organization ID	Device Type	Device ID	Authentication Method	Authentication Token
l5c144	Iot_Device1	123456	use-token-auth	12345678

Below the table, a warning message states: "Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token." The bottom of the screen shows a Windows taskbar with the search bar and several application icons. The system clock indicates the time is 11:18 AM on 6/28/2020.

Organization ID:l5c144

Device Type:lot_Device1

Device ID:123456

Authentication Method:use-token-auth

Authentication Token:12345678

The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains icons for various IoT functions. The main content area has a 'Browse' tab selected, with sub-tabs for 'All Devices' and 'Diagnose'. A text block explains that the table shows a summary of all devices added and can be filtered or searched. Below this is a search bar labeled 'Search by Device ID' and a 'Device Simulator' toggle switch, which is currently turned off. A table lists the devices with columns for 'Device ID', 'Status', 'Device Type', 'Class ID', and 'Date Added'. One device is listed with ID '123456', status 'Disconnected', and type 'Iot_Device1'. The bottom of the dashboard shows '0 Simulations running'.

Device ID	Status	Device Type	Class ID	Date Added
123456	Disconnected	Iot_Device1	Device	Jun 28, 2020 11:18 AM

We cant use hardware so we are using simulator:

This screenshot is similar to the first one, but the 'Device Simulator' toggle switch is now turned on. The '0 Simulations running' status is visible at the bottom of the dashboard.

Device ID	Status	Device Type	Class ID	Date Added
123456	Disconnected	Iot_Device1	Device	Jun 28, 2020 11:18 AM

After clicking simulations running:

127.0.0.1 x Activate your Subscription with x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

15c144.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

Browse Action Device Types Interfaces

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, 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
123456	Disconnected	Iot_Device1

Items per page 50 | 1-1 of 1 item

Simulations

Import/Export simulation

You can use the simulated event data to learn about, test, and demonstrate fully functioning Watson IoT Platform features. You can simulate a device and its data or simulate only data for a device that is already registered.

To create a device simulation:

1. Select a device type.
2. Configure the event and payload.
3. Add devices.

Create simulation

Cookie Preferences

kick-off_meeting_a...pdf

Type here to search

11:22 AM 6/28/2020

127.0.0.1 x Activate your Subscription with x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

15c144.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

Browse Action Device Types Interfaces

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, 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
123456	Disconnected	Iot_Device1

Items per page 50 | 1-1 of 1 item

Device Type: Iot_Device1

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: }
  3: }
```

Upload a CSV file

What functions can I apply?

Cookie Preferences

kick-off_meeting_a...pdf

Type here to search

11:24 AM 6/28/2020

127.0.0.1 x Activate your Subscription with... x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

15c144.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

Browse Action Device Types Interfaces

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, 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
123456	Disconnected	Iot_Device1

Items per page 50 | 1-1 of 1 item

Device Type: Iot_Device1

Events 1 [New event type +](#)

Event type name event_1 [Send](#) [Delete](#)

Schedule 20 Every Minute

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

```
0 {
1   "temperature": random(0, 100)
2   "humidity": random(0, 100)
3   "moisure": random(50, 100)
4 }
5
```

[Upload a CSV file](#)

Cookie Preferences

kick-off_meeting_a...pdf

Type here to search

11:27 AM 6/28/2020

127.0.0.1 x Activate your Subscription with... x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

15c144.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

Browse Action Device Types Interfaces

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, 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
123456	Disconnected	Iot_Device1

Items per page 50 | 1-1 of 1 item

Simulations

[Import/Export simulation](#)

0/50 Simulations Running [+ New Simulation](#)

Device Type Iot_Device1 [1 Event](#) [Delete](#)

No simulations are currently created for the device type.

1 x [Create Simulated Device](#) [Use Registered Device](#)

Cookie Preferences

kick-off_meeting_a...pdf

Type here to search

11:32 AM 6/28/2020

Click use registered device

The screenshot shows the IBM Watson IoT Platform dashboard. A modal window titled "Event Payload" is open, displaying the following information:

- Event Name: event_1
- Time Received: Jun 28, 2020 11:37 AM
- Event Payload (JSON):

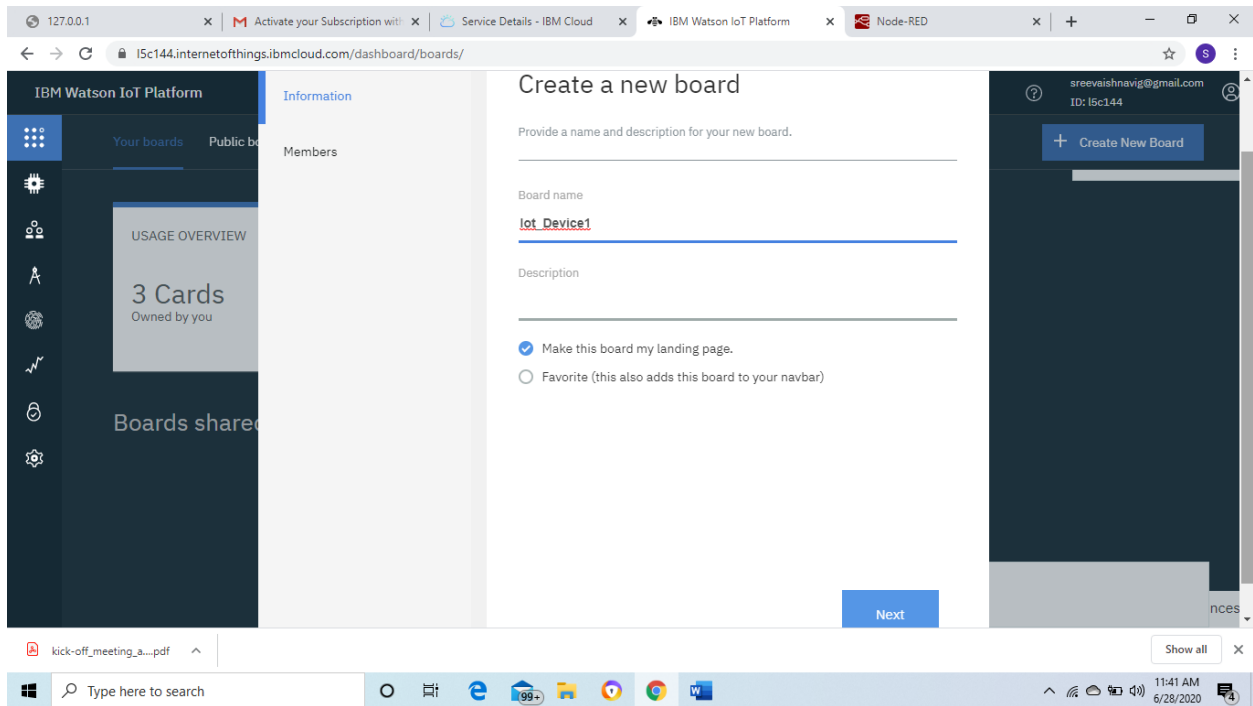
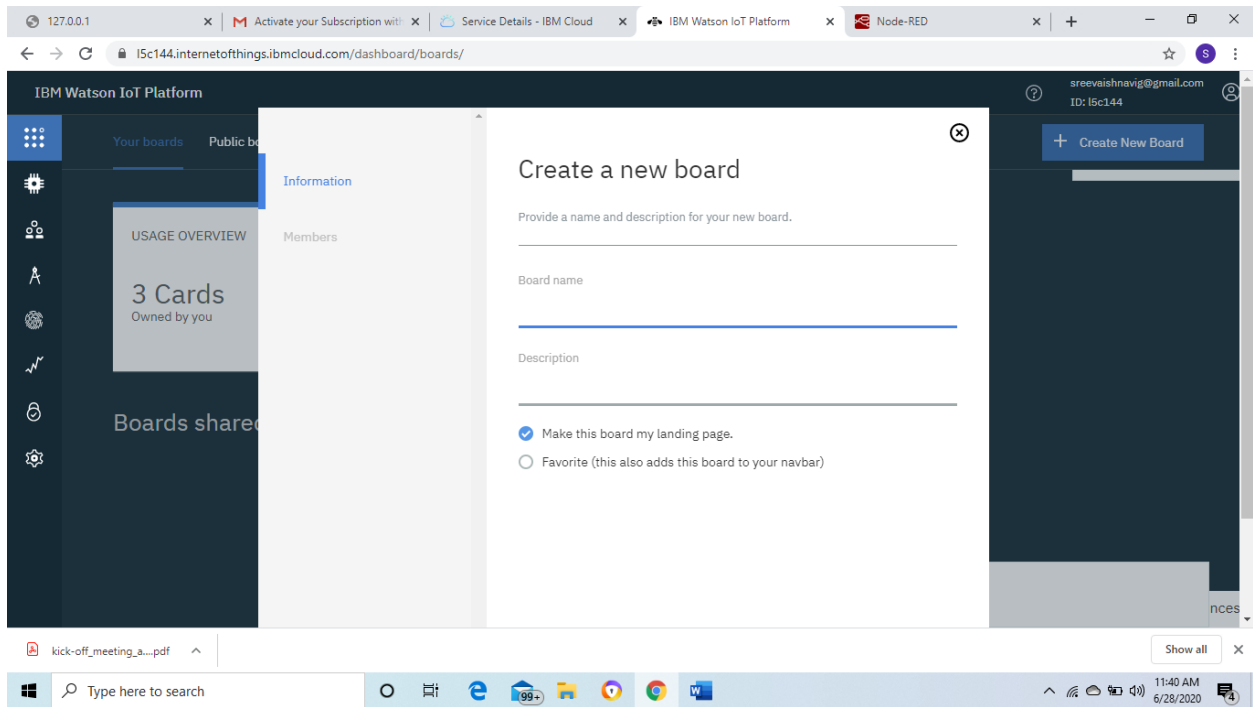

```

      1 {
      2   "temperature": 86,
      3   "humidity": 10,
      4   "soil_moisture": 55
      5 }
      
```

The background dashboard shows a list of devices, with one device selected (ID: 123456). The "Simulations" tab is active, showing a list of simulation runs with columns for Event Name, Time Received, and a status indicator (e.g., "x 21", "x 14", "x 1", "x 6").

We can see the values of temperature ,humidity,miosture

The screenshot shows the IBM Watson IoT Platform dashboard, specifically the "Boards" section. The dashboard displays a "RISK AND SECURITY OVERVIEW" card with the text "4 Cards Owned by you". A large dashed box with a plus sign indicates a placeholder for a new board. The "1 Simulation running" status is visible at the bottom right.



127.0.0.1 x Activate your Subscription with x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

15c144.internetofthings.ibmcloud.com/dashboard/boards/

IBM Watson IoT Platform

Information

Create a new board

Adding viewers allows them to see your dashboard.

Owner
sreevaishnavig@gmail.com (YOU)

Members

☐ Share as read-only with everyone?

+ add user ID

Name	Editor?

Back Submit

kick-off_meeting_a...pdf

Show all

Type here to search

11:42 AM 6/28/2020

127.0.0.1 x Activate your Subscription with x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

15c144.internetofthings.ibmcloud.com/dashboard/boards/

IBM Watson IoT Platform

Your boards Public boards

+ Create New Board

IOT_DEVICE1

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

kick-off_meeting_a...pdf

Show all

Type here to search

11:42 AM 6/28/2020

127.0.0.1 x Activate your Subscription with x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

I5c144.internetofthings.ibmcloud.com/dashboard/boards/5aec5bc7-80b4-48a6-81ca-1971ddb78c89

IBM Watson IoT Platform

sreevaishnavig@gmail.com ID: I5c144

Iot_Device

Create Card

Card type
Select card type

Devices

- Generic visualisation
- Line chart
- Bar chart
- Donut chart
- Value
- Gauge
- Semaphore
- Device Properties
- All device properties
- Device list
- Device info
- Device map

kick-off_meeting_a...pdf

Show all

Type here to search

11:43 AM 6/28/2020

127.0.0.1 x Activate your Subscription with x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

I5c144.internetofthings.ibmcloud.com/dashboard/boards/5aec5bc7-80b4-48a6-81ca-1971ddb78c89

IBM Watson IoT Platform

sreevaishnavig@gmail.com ID: I5c144

Iot_Device

Create Line chart Card

Specify the data source for the card

Card source data

Card preview

Card information

Devices

Search for card data sources using the filter:

Device ID	Device Type
123456	Iot_Device1

kick-off_meeting_a...pdf

Show all

Type here to search

11:43 AM 6/28/2020

127.0.0.1 x Activate your Subscription with... x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

I5c144.internetofthings.ibmcloud.com/dashboard/boards/5aec5bc7-80b4-48a6-81ca-1971ddb78c89

IBM Watson IoT Platform 123456

Iot_Device

Card preview

Card information

Connect data set

Temperature

Event

event_1

Property

temperature

Name

Temperature

Type

Number

Unit

°C

Min

0

Max

100

Back

Next

sreevaishnavig@gmail.com ID: I5c144

Add New Card

Settings

kick-off_meeting_a...pdf

Show all

Type here to search

11:46 AM 6/28/2020

127.0.0.1 x Activate your Subscription with... x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

I5c144.internetofthings.ibmcloud.com/dashboard/boards/5aec5bc7-80b4-48a6-81ca-1971ddb78c89

IBM Watson IoT Platform 123456

Iot_Device

Card preview

Card information

Connect data set

Event

event_1

Property

humidity

Name

Humidity

Type

Float

Unit

%

Precision

1

Min

Max

Back

Next

sreevaishnavig@gmail.com ID: I5c144

Add New Card

Settings

kick-off_meeting_a...pdf

Show all

Type here to search

11:47 AM 6/28/2020

127.0.0.1 x Activate your Subscription with... x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

15c144.internetofthings.ibmcloud.com/dashboard/boards/5aec5bc7-80b4-48a6-81ca-1971ddb78c89

IBM Watson IoT Platform 123456

Iot_Device

Card preview

Card information

Connect data set

event_1

Property

soil_moisture

Name

soil_moisture

Type

Number

Unit

%

Min

50

Max

100

Connect new data set

Back Next

kick-off_meeting_a...pdf

Show all

Type here to search

11:48 AM 6/28/2020

127.0.0.1 x Activate your Subscription with... x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

15c144.internetofthings.ibmcloud.com/dashboard/boards/5aec5bc7-80b4-48a6-81ca-1971ddb78c89

IBM Watson IoT Platform 123456

Iot_Device

Card preview

Card information

Select the card size and specify additional information

Settings S M L XL

Line chart

100 80 60 40 20 0

11:44 11:45 11:46 11:47 11:48

5 minutes

Temperature Humidity soil_moisture

Back Next

kick-off_meeting_a...pdf

Show all

Type here to search

11:48 AM 6/28/2020

127.0.0.1 x Activate your Subscription with... x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

15c144.internetofthings.ibmcloud.com/dashboard/boards/5aec5bc7-80b4-48a6-81ca-1971ddb78c89

IBM Watson IoT Platform

123456

Card preview

Card information

Enter title and description of the card

Title

Line chart

Color scheme

A line chart to display time series information with historic and live data

Back Submit

kick-off_meeting_a...pdf

Type here to search

11:48 AM 6/28/2020

127.0.0.1 x Activate your Subscription with... x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

15c144.internetofthings.ibmcloud.com/dashboard/boards/5aec5bc7-80b4-48a6-81ca-1971ddb78c89

IBM Watson IoT Platform

Iot_Device1

Line chart

100 80 60 40 20 0

11:45 11:46 11:47 11:48 11:49

5 minutes now

Temperature Humidity soil_moisture

Simulations

Import/Export simulation

1/50 Simulations Running

+ New Simulation

Device Type Iot_Device1

1 Device

123456

1 x Create Simulated Device Use Registered Device

Cookie Preferences

kick-off_meeting_a...pdf

Type here to search

11:49 AM 6/28/2020

Click on new simulation:

127.0.0.1 x Activate your Subscription with... x Service Details - IBM Cloud x IBM Watson IoT Platform x Node-RED

I5c144.internetofthings.ibmcloud.com/dashboard/boards/5aec5bc7-80b4-48a6-81ca-1971ddb78c89

IBM Watson IoT Platform

Iot_Device1

Line chart showing data for Iot_Device1. The chart displays three data series: Temperature, Humidity, and soil_moisture. The x-axis represents time (11:49 to 11:53) and the y-axis represents values (0 to 100). A legend indicates the series: Temperature (blue), Humidity (orange), and soil_moisture (green). A '5 minutes' dropdown and a 'now' button are visible.

Simulations

Import/Export simulation

1/50 Simulations Running Loading...

Device Type Iot_Device1 1 Event

1 Device

123456

1 x Create Simulated Device Use Registered Device

Cookie Preferences

kick-off_meeting_a...pdf

Type here to search

11:53 AM 6/28/2020

127.0.0.1 x Activate your... x Student Dash... x Service Details... x IBM Watson IoT Platform x Node-RED x New Tab x New Tab

I5c144.internetofthings.ibmcloud.com/dashboard/apps/browse/add

IBM Watson IoT Platform

Browse IBM Cloud Apps

The API key has been added.

Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the API key to generate a new authentication token.

Generated Details

API Key a-I5c144-aau56hcprg

Authentication Token jshghd*5k6Ro429Jtn

Make a note of the generated authentication token. Lost authentication tokens cannot be recovered. If you lose the token, you must reregister the API to generate a new token.

API Key Information

Description -

Role Standard Application

Expires Never

1 Simulation running

kick-off_meeting_a...pdf

Type here to search

1:03 PM 6/28/2020

API KEY: a-l5c144-aaU56hcprg

Authentication token: jshghd*5k6Ro429Jtn

The screenshot shows the IBM Watson IoT Platform interface. The top navigation bar includes the platform name and user information (sreevaishnavi@gmail.com, ID: l5c144). The left sidebar contains icons for various IoT services. The main content area is titled "Policies" and includes a description: "You can configure policies to enhance connection security and control access to the server from devices." Below this, there are three policy cards: "Connection Security" (Configure the security level for device connection), "Blacklist" (Block access from specific IP addresses. Activating a blacklist disables an active whitelist. Status: Disabled), and "Whitelist" (Allow access from specific IP addresses. Activating a whitelist disables an active blacklist. Status: Disabled). Each card has a blue edit icon. At the bottom right, a notification states "1 Simulation running". The Windows taskbar at the bottom shows the time as 1:11 PM on 6/28/2020.

Connect The IOT Simulator To Watson IOT Platform:

The screenshot displays the Watson IoT Sensor Simulator interface. The top bar shows the simulator name and a unique ID (123456). The main display area features a large circular gauge showing a temperature of "16°C". Below the gauge are two buttons with down and up arrows, and a text prompt "swipe left/right for more". The interface is set against a dark blue background. The Windows taskbar at the bottom indicates the time as 1:25 PM on 6/28/2020.

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 On

Device ID	Status	Device Type	Class ID	Date Added
123456	Connected	Iot_Device1	Device	Jun 28, 2020 11:18 AM

Identity Device Information **Recent Events** State Logs

0 Simulations running

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

The data:

We can see the data

IBM Watson IoT Platform

Browse Action Device Types

Add Device +

Event Payload

Event Name: iotsensor

Time Received: Jun 28, 2020 1:27 PM

```

1 {
2   "d": {
3     "name": "123456",
4     "temperature": 16,
5     "humidity": 75,
6     "objectTemp": 23
7   }
8 }

```

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