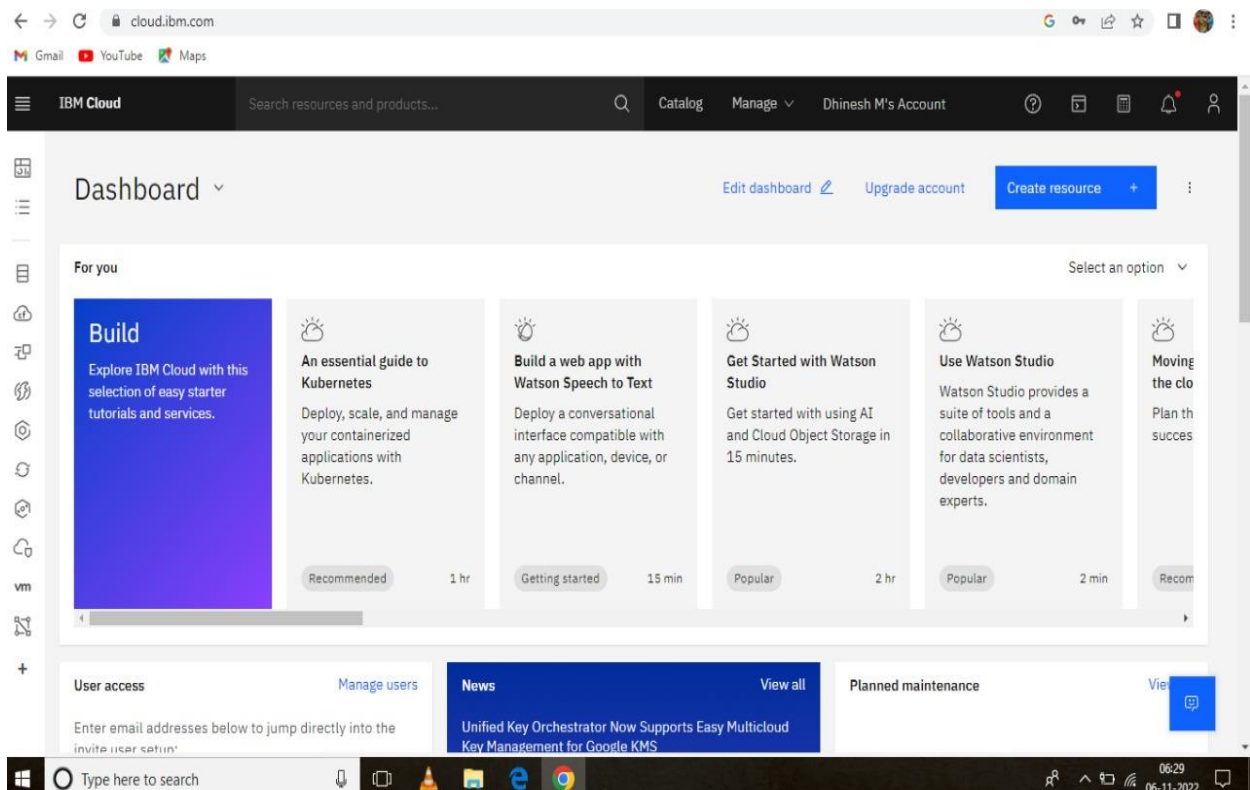


# CREATE AND CONFIGURE IBM CLOUD SERVICES

DATE	06 NOV 2022
TEAM IT	PNT2022TMID48690
PROJECT NAME	HAZARDOUS AREA MONITERING FOR INDUSTRIAL PLANT POWERED BY IOT

## CREATE IBM WATSON IOT PLATFORM AND DEVICE

### STEP 1:-



## STEP 2:-

The screenshot shows the IBM Cloud catalog page for the Internet of Things Platform. The browser address bar displays `cloud.ibm.com/catalog/services/internet-of-things-platform`. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and Dhinesh M's Account. The main content area is titled "Internet of Things Platform" and describes it as the hub for all things IBM IoT. It features a "Create" button and a "Select a location" dropdown menu currently set to "London (eu-gb)". Below this, there is a "Select a pricing plan" section with a table showing the "Lite" plan, which includes up to 500 registered devices and 200 MB of data metric, for a price of "Free". The right sidebar contains a "Summary" section with details like "Location: London", "Plan: Lite", and "Service name: Internet of Things Platform-d8". At the bottom, there are checkboxes for license agreements and buttons for "Create" and "Add to estimate".

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

IBM Cloud

Search resources and products...

Catalog Manage Dhinesh M's Account

Internet of Things Platform

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.

Create About

Type Service

Provider IBM

Last updated 08/15/2022

Category Internet of Things

Compliance IAM-enabled

Location Frankfurt London

Select a location

London (eu-gb)

Select a pricing plan

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	Free

Summary

Internet of Things Platform Free

Location: London

Plan: Lite

Service name: Internet of Things Platform-d8

Resource group: Default

☐ I have read and agree to the following license agreements: [Terms](#)

Create

Add to estimate

## STEP 3:-

The screenshot shows the IBM Cloud resource page for the Internet of Things Platform. The browser address bar displays `cloud.ibm.com/catalog/services/internet-of-things-platform`. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and Dhinesh M's Account. The main content area is titled "Let's get started with IBM Watson IoT Platform" and describes it as a secure way to connect, control, and manage devices. It features a "Launch" button and a "Docs" button. Below this, there is a "Ready for the next level?" section with a progress bar showing the "IBM Watson IoT Platform Journey" with three stages: "Lite", "Non-Production", and "Production". The "Lite" stage is currently selected. The right sidebar contains a "Details" section and an "Actions..." dropdown menu.

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

IBM Cloud

Search resources and products...

Catalog Manage Dhinesh M's Account

Resource list / Dhinesh Active Add tags

Details Actions...

Manage

Plan

Connections

Let's get started with IBM Watson IoT Platform

Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.

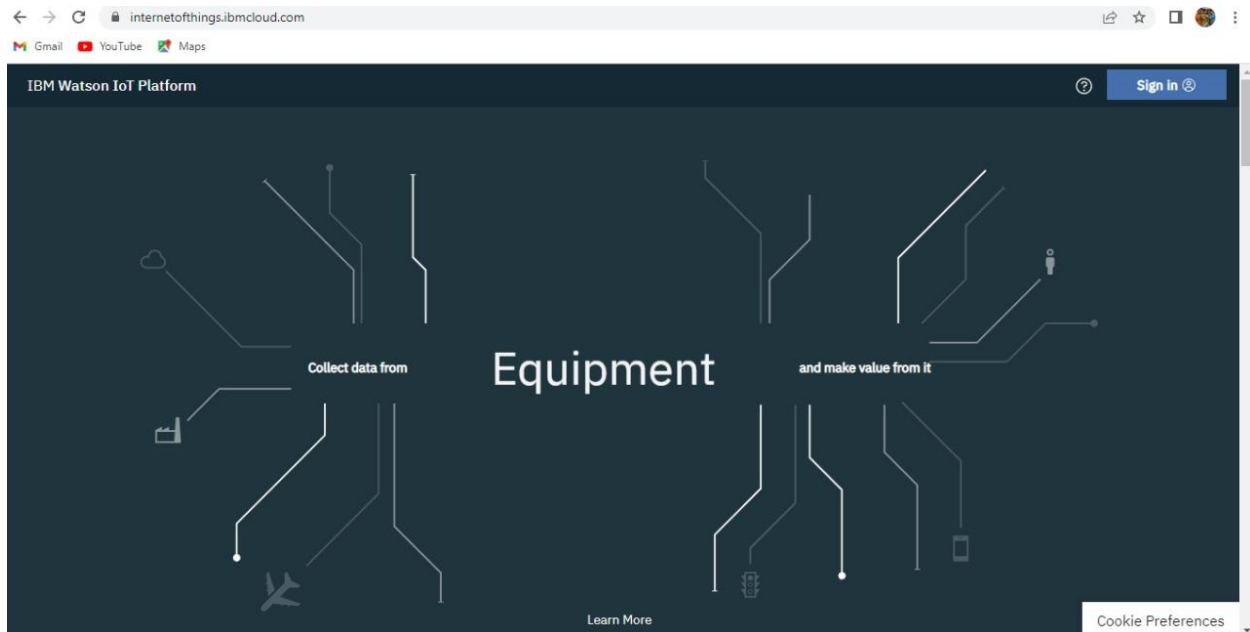
Launch Docs

Ready for the next level?

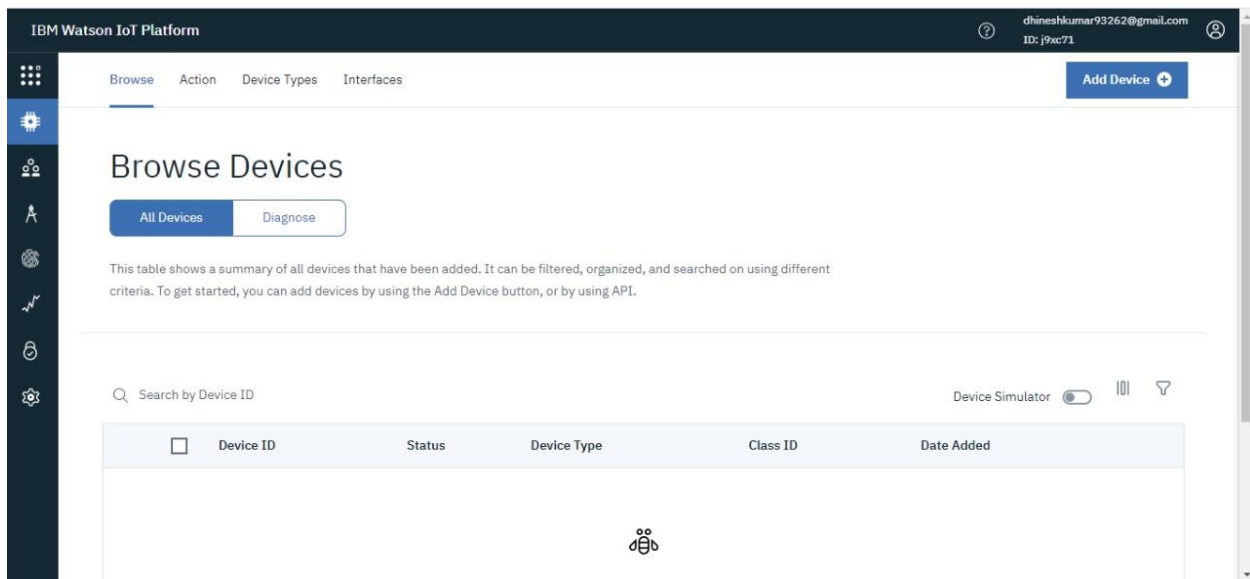
IBM Watson IoT Platform Journey

Lite Non-Production Production

## STEP 4:-



## STEP 5:-



## STEP 6:-

IBM Watson IoT Platform

dhineshkumar93262@gmail.com  
ID: j9xc71

Browse Action Device Types Interfaces

### Add Device

Identity Device Information Security Summary

Select a device type for the device that you are adding and give the device a unique ID.

Device Type

Device ID

Cancel Next

## STEP 7:-

IBM Watson IoT Platform

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Browse Action Device Types Interfaces

### Add Device

Identity Device Information Security Summary

There are two options for selecting a device authentication token.

**Auto-generated authentication token (default)**

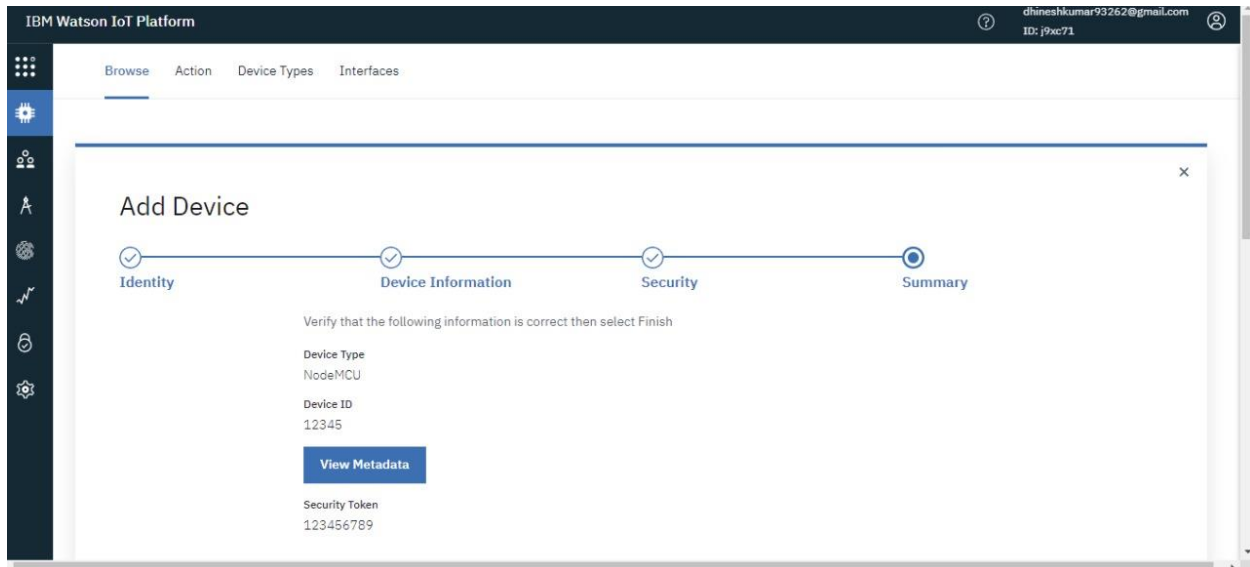
Allow the service to generate an authentication token for you. Tokens are 18 characters and contain a mix of alphanumeric characters and symbols. The token is returned to you at the end of the device registration process.

**Self-provided authentication token**

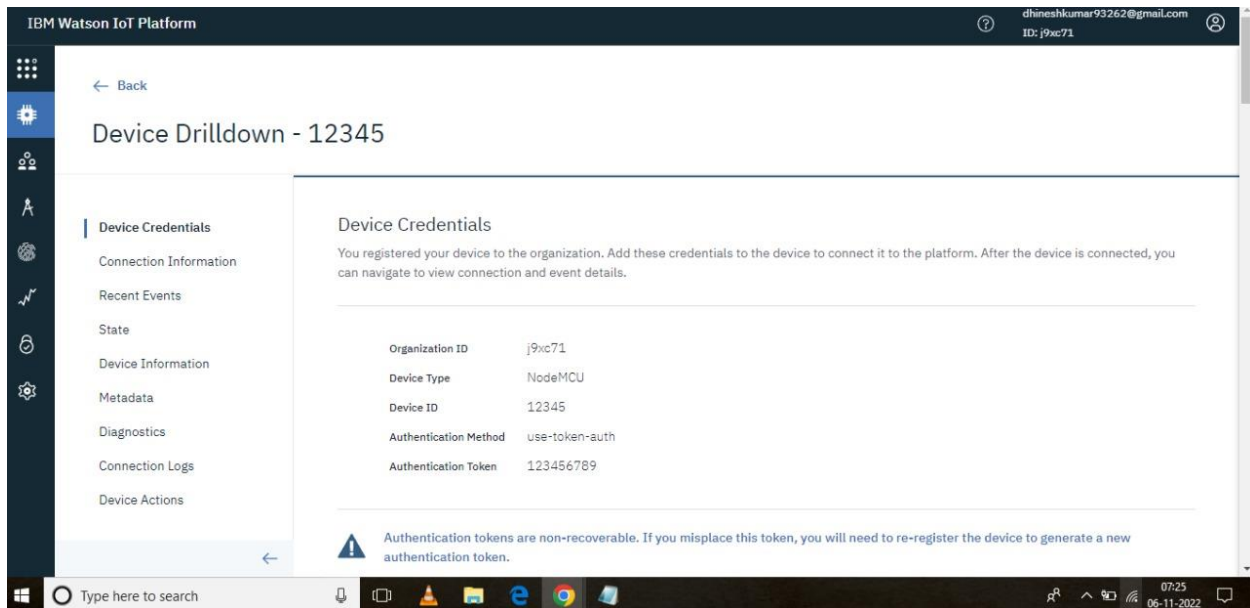
Provide your own authentication token for this device. The token must be between 8 and 36 characters and contain a mix of lowercase and uppercase letters, numbers, and symbols, which can include hyphens, underscores, and periods. Do not use repeated characters, dictionary words, user names, or other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

Authentication Token

## STEP 8:-



## STEP 9:-



## STEP 10:-

IBM Watson IoT Platform

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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 ☐

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added
> <input type="checkbox"/>	12345	Disconnected	NodeMCU	Device	Nov 6, 2022 8:27 AM

Items per page 50 | 1-1 of 1 item

1 of 1 page < 1 >