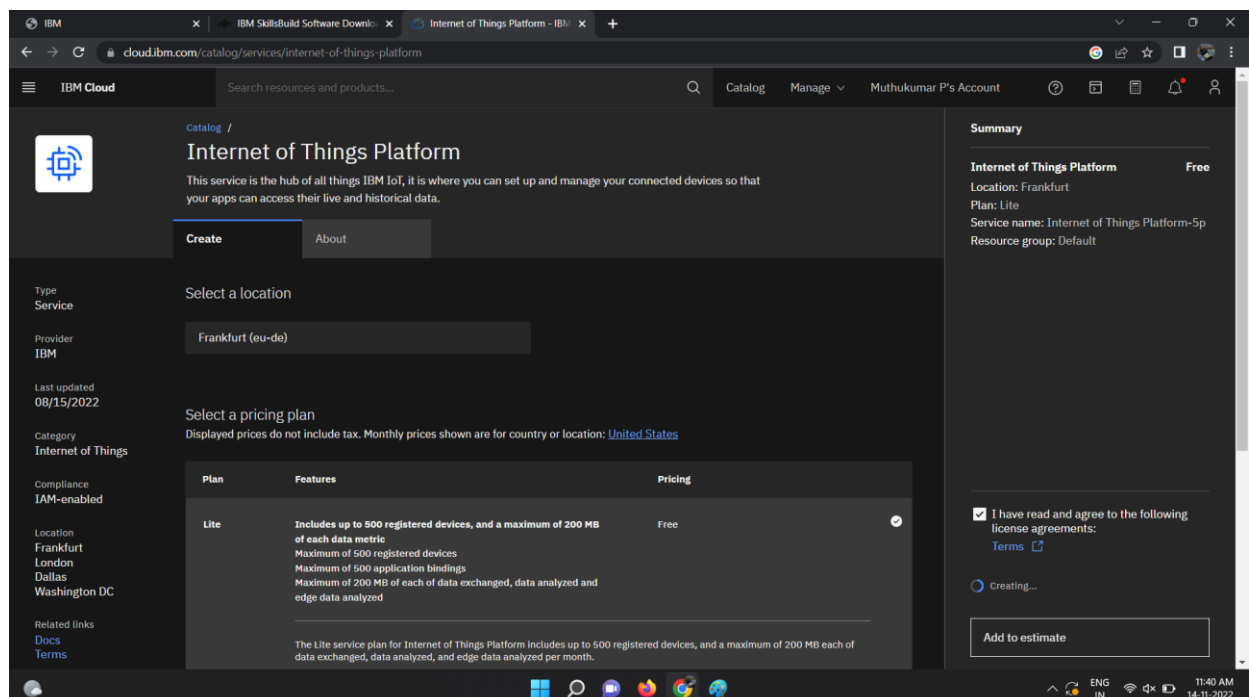
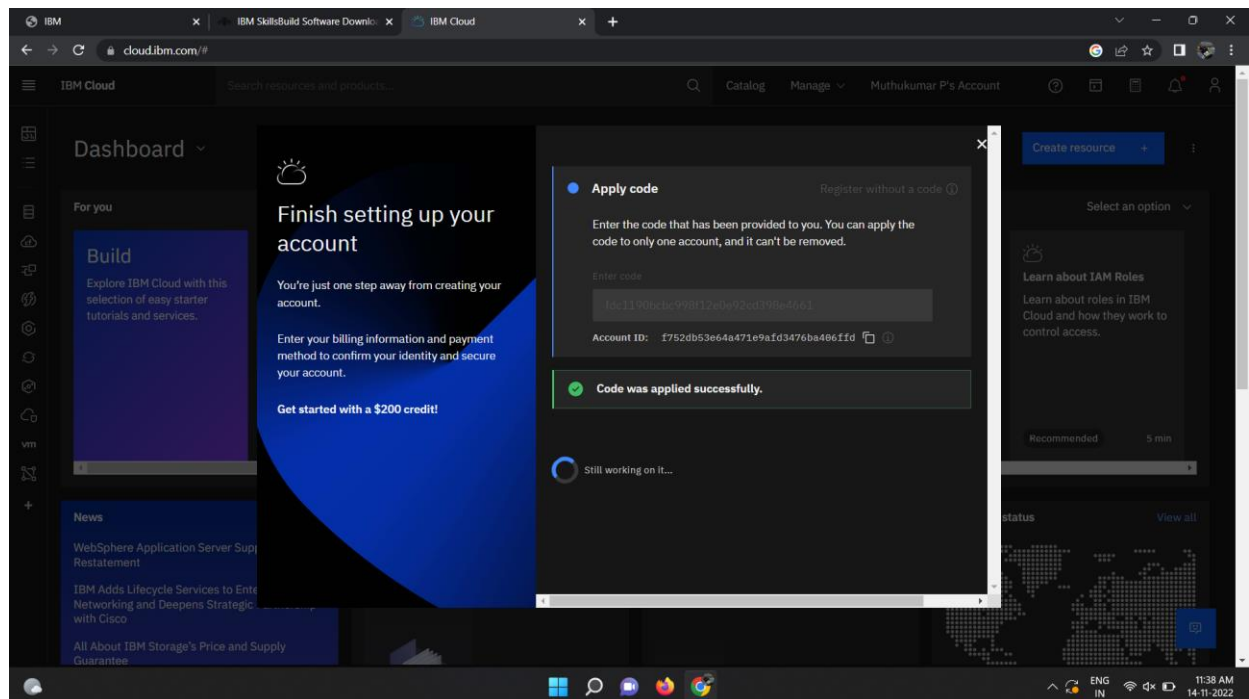


# Create IBM Watson IoT Platform And Device

Date	01 November 2022
Team ID	PNT2022TMID13315
Project Name	Project – IOT Based Real – time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks



IBM

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cloud.ibm.com/services/iotf-service/cm%3Av1%3Abluemix%3Apublic%3Aiotf-service%3Aeu-de%3Aa%2F752db53e64a71e9afd3476ba406fd%3A5635be17-13f7-44cf-aced-521090f78733%...

IBM Cloud

Search resources and products...

CatalogManageMuthukumar P's Account


Resource list /

Internet of Things Platform-5pActiveAdd tagsDetailsActions...

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.

LaunchDocs

Ready for the next level?

#### IBM Watson IoT Platform Journey

✓

Lite

The Lite service plan provides a lightweight development environment to get you started with the connectivity capabilities of Watson IoT Platform.

- Free

○

Non-Production

The Non-Production service plan is a full-featured, fully-integrated offering that enables you to explore Watson IoT Platform to see how the service can fit into your IoT environment.

- Starts at \$500 per month

○

Production

The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.

- Includes IBM Service & Support

IBM

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internetofthings.ibmcloud.com

IBM Watson IoT Platform

Sign in

Collect data from

Equipment

and make value from it

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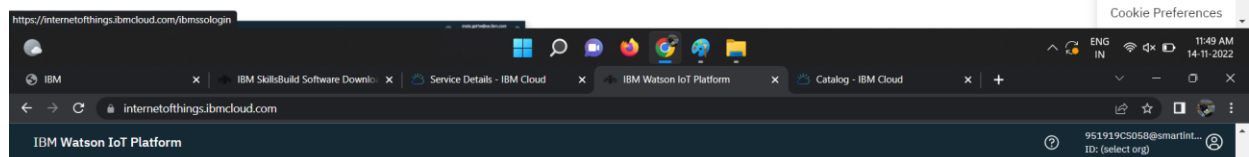
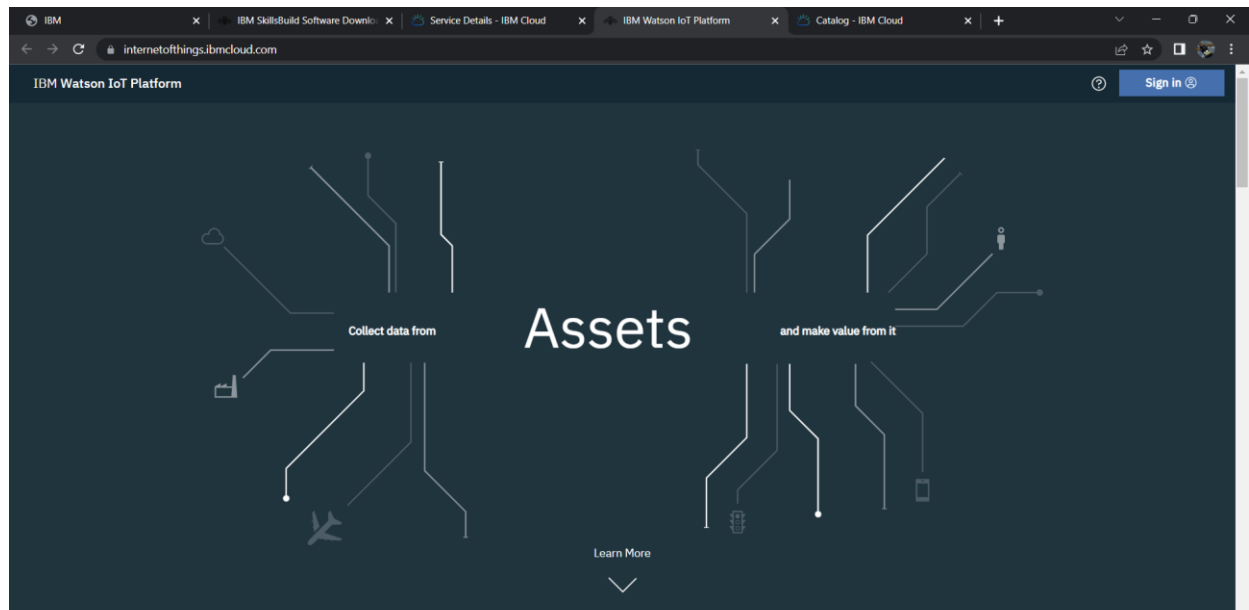
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Required only

https://internetofthings.ibmcloud.com/bimssologin

11:49 AM 14-11-2022



## And one last thing

Want to find out more about how we can provide a solution? Here are several ways you can learn more.

### Watson IoT Recipes

#### Have a device you want to connect?

We have a partner program for IoT, along with a set of verified instructions or 'recipes' for connecting devices, sensors, and gateways.

### Watson IoT Docs

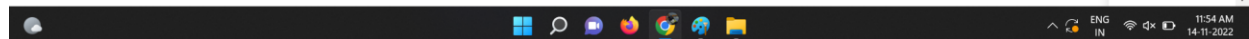
#### Want more detail? Take a look at our reference documentation.

Search our documentation and reference material for the answers to your technical questions.

### Watson IoT Answers

#### Can't find what you are looking for? Ask us and someone will get back to you.

Go to our forum and get an answer from a member of our team.



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gpxtd1.internetofthings.ibmcloud.com/dashboard/devices/browse

951919cs058@smartinternz.comID: gpxtd1

BrowseActionDevice TypesInterfacesAdd Device

# Browse Devices

All DevicesDiagnose

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
-----------	--------	-------------	----------	------------	----------------------

You don't have any devices.

Create a device.

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gpxtd1.internetofthings.ibmcloud.com/dashboard/devices/browse/add

951919cs058@smartinternz.comID: gpxtd1

BrowseActionDevice TypesInterfaces

## 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

NodeMCU

Device ID

12345

Cancel

Next

# Browse Devices

All DevicesDiagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different

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gpxtd1.internetofthings.ibmcloud.com/dashboard/devices/browse/add

951919cs058@smartinernz.comID: gpxtd1

BrowseActionDevice TypesInterfaces

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

Enter Serial Number

Model

Enter Model

Description

Enter Description

Hardware Version

Enter Hardware Version

Add Metadata

Manufacturer

Enter Manufacturer

Device Class

Enter Device Class

Firmware Version

Enter Firmware Version

Descriptive Location

Enter Descriptive Location

Back

Next

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gpxtd1.internetofthings.ibmcloud.com/dashboard/devices/browse/add

951919cs058@smartinernz.comID: gpxtd1

BrowseActionDevice TypesInterfaces

Add Device

Identity

Device Information

Security

Summary

Verify that the following information is correct then select Finish

Device Type

NodeMCU

Device ID

12345

View Metadata

Security Token

To be generated

Back

Finish

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gpxtd1.internetofthings.ibmcloud.com/dashboard/devices/drilldown/NodeMCU-12345?returnTo=/devices/browse

951919cs058@smartinternz.comID: gpxtd1

← Back

Device Drilldown - 12345

Device Credentials

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

Device Credentials

You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.

Organization ID	gpxtd1
Device Type	NodeMCU
Device ID	12345
Authentication Method	use-token-auth
Authentication Token	Ru6W6P(0eEbKtCUB*A

⚠

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

Find out how to add these credentials to your device

←

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gpxtd1.internetofthings.ibmcloud.com/dashboard/devices/browse

951919cs058@smartinternz.comID: gpxtd1

BrowseActionDevice TypesInterfaces

Add Device

IdentityDevice InformationRecent EventsStateLogs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
-------	-------	--------	---------------

Waiting for device events...

