


# IBMCloudservices

TeamID	PNT2022TMID12601
ProjectName	SmartWasteManagementSystemForMetropolitanCities
Date	11November2022

step1:loginyourregisteredid

IBM Cloud

CatalogCost estimatorDocs



## Log in to IBM Cloud

Don't have an account? [Create an account](#)

Sign in with

IBMid

19p333@kce.ac.in

Continue →

[Forgot ID?](#)

☐ Remember ID

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Required only

# IBMCloudservices

step2:clickcatalogwhereyoufindtheserivcesandinternetofthingyoucanselecta  
ndmakelocationasL

The screenshot shows the IBM Cloud web interface. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user's account (Khoushik C S's Account). Below the navigation bar, the main content area is titled "Internet of Things Platform". It includes 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." There are two tabs: "Create" (active) and "About". Under the "Create" tab, there's a "Select a location" dropdown menu currently set to "Frankfurt (eu-de)". Below that 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](#)". A table lists the available plans:

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's a "Summary" panel showing the service name "Internet of Things Platform", location "Frankfurt", plan "Lite", service name "Internet of Things Platform-1s", and resource group "Default". At the bottom of the summary panel, there's a checkbox "I have read and agree to the following license agreements:" with a link to "Terms". Below this are two buttons: "Create" (in blue) and "Add to estimate". The bottom of the screen shows a Windows taskbar with various application icons and a system tray with the date and time (11-11-2022, 19:56).

# IBMCloudservices

step3 :clickcreateandthelaunchtabgetopen,thelicklaunch

The screenshot displays the IBM Cloud console interface. At the top, a navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Khoushik C S's Account). Below the navigation bar, the main content area is titled "Internet of Things Platform-1s" and shows a status of "Active". A sidebar on the left contains a "Manage" section with links to "Plan" and "Connections". The main content area features a large graphic of a central square with four smaller squares around it, each containing a different symbol. To the right of the graphic, the text "Let's get started with IBM Watson IoT Platform" is displayed, followed by a description: "Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world." Below this text are two buttons: "Launch" and "Docs". Further down, a section titled "Ready for the next level?" introduces the "IBM Watson IoT Platform Journey". This section contains three columns, each representing a different service plan: "Lite", "Non-Production", and "Production". Each column has a progress indicator (a circle with a checkmark for "Lite" and empty circles for the others) and a brief description of the plan's features. The "Lite" plan is described as a lightweight development environment. The "Non-Production" plan is a full-featured, fully-integrated offering. The "Production" plan is a fully managed SaaS offering. The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the temperature (21°C), weather (Cloudy), and the date/time (11-11-2022, 19:58).

IBM Cloud

Search resources and products...

Resource list /

Internet of Things Platform-1s 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

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

☐ 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.

☐ Production

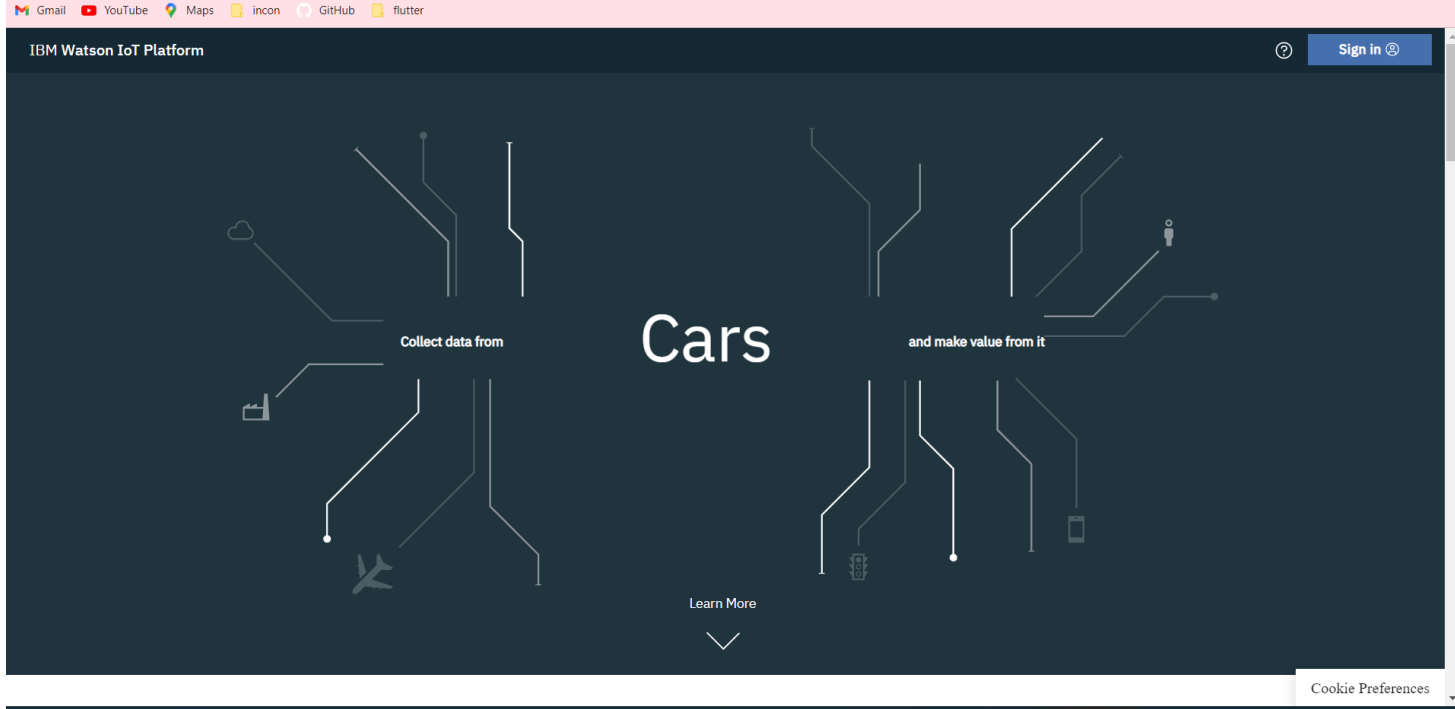
The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.

21°C Cloudy

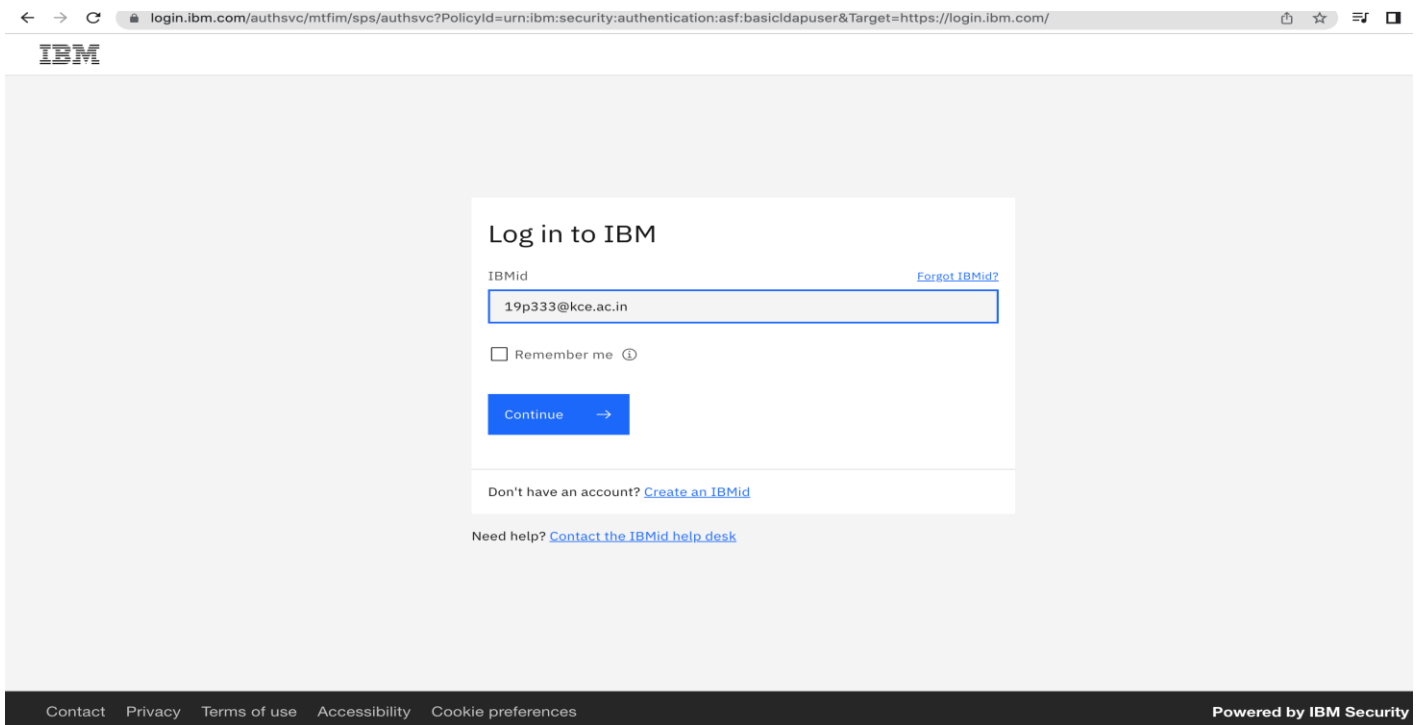
ENG IN 19:58 11-11-2022

# IBMCloudservices

step4:ItredirectyoutoIBMWATSONplatformwhereyouneedtoclicksignin



step5:youneedtologinIBMid



# IBMCloudservices

step6:whareyoufindthistabwhichisusedtoadddevice,app,member,usege,securitycanbeworked

The screenshot shows the 'Browse Devices' page in the IBM Cloud Services interface. The page has a dark sidebar on the left with various icons. The main content area has a top navigation bar with 'Browse', 'Action', 'Device Types', and 'Interfaces'. A blue 'Add Device' button is in the top right. Below the navigation bar, the title 'Browse Devices' is followed by two buttons: 'All Devices' (selected) and 'Diagnose'. A paragraph explains that the table shows a summary of all devices and can be filtered, organized, and searched. Below this is a search bar labeled 'Search by Device ID' and a 'Device Simulator' toggle. A table with columns 'Device ID', 'Status', 'Device Type', 'Class ID', 'Date Added', and 'Descriptive Location' is shown, but it is empty. A message 'You don't have any devices.' is displayed with a 'Create a device.' button. The Windows taskbar at the bottom shows the date as 11-11-2022 and time as 20:49.

step7:checkboardforriskandsecurityoverviewcard,itusesforgraphicalrepresentationboards

The screenshot shows the 'Your boards' page in the IBM Cloud Services interface. The page has a dark sidebar on the left. The main content area has a top navigation bar with 'Your boards' and 'Public boards'. A blue 'Create New Board' button is in the top right. Below the navigation bar, the title 'Your boards' is followed by a 'Sort By' dropdown menu set to 'Recently changed'. A card titled 'RISK AND SECURITY OVERVIEW' is shown, indicating it has '4 Cards' and is 'Owned by you'. A large dashed box with a plus sign is next to the card. Below the card, the text 'Boards shared with you' is visible. The Windows taskbar at the bottom shows the date as 11-11-2022 and time as 20:51.

# IBMCloudservices

step8:afterclickinganewdevice/adddeviceyoucanchoseanddevicetypeanddeviceidandcompletethefollowinginformation to create a device

**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](#)

**Browse Devices**

step9:create a device of node mcu

[← Back](#)

**Device Drilldown - 12345**

**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	gsadg5
Device Type	NodeMCU
Device ID	12345
Authentication Method	use-token-auth
Authentication Token	!HHFubhQVhRGBNGNA!

**⚠ 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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