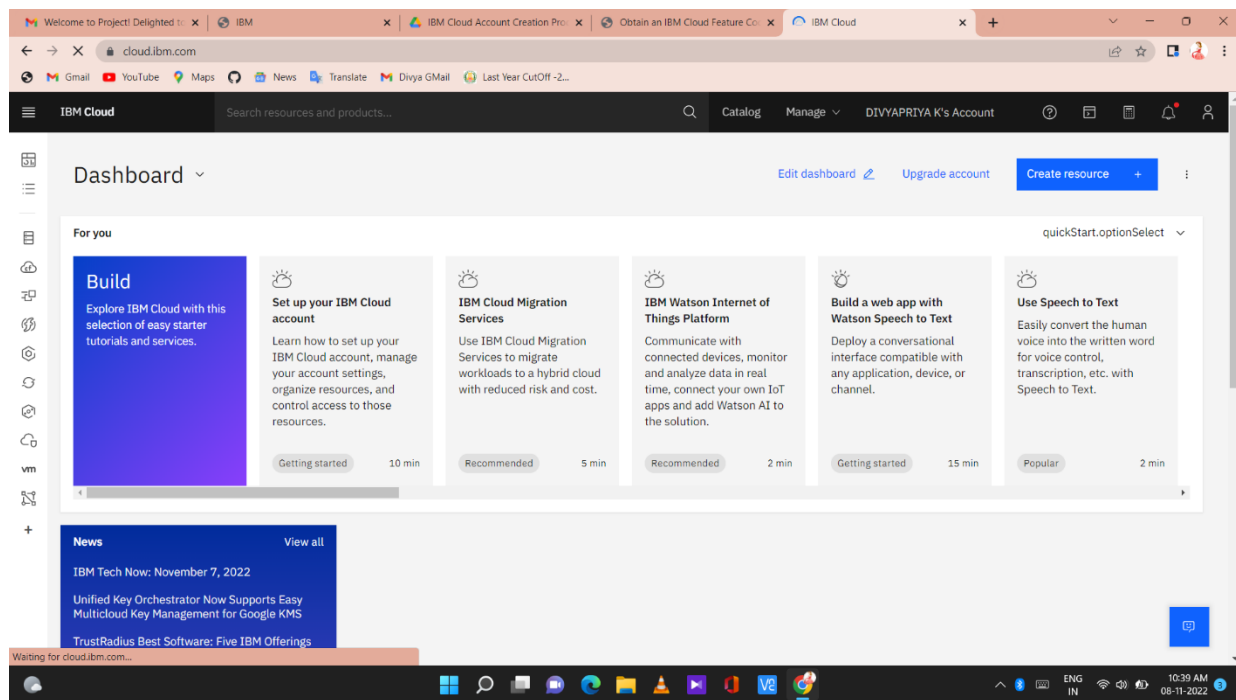


CREATE AND CONFIGURE IBM CLOUD SERVICES

CREATE IBM WATSON IOT PLATFORM AND DEVICE

Team ID	PNT2022TMID23807
Project Name	IoT based Safety Gadget for Child Safety, monitoring and notification

STEP 1:



STEP 2:

The screenshot shows the IBM Cloud Catalog interface. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (DIVYAPRIYA K's Account). Below the navigation bar, there's a search bar with the placeholder text "Search the catalog...". The main content area displays a grid of service cards. On the left, a sidebar lists categories: Recommended products (6), Compute (30), Containers (9), Networking (30), Storage (20), AI / Machine Learning (17), Analytics (10), Blockchain (1), Databases (28), Developer tools (25), Logging and monitoring (3), Migration (8), Integration (10), and Internet of Things (1). The main grid shows six service cards: Analytics Engine, AnonTech Vizivault Platform, API Connect, App Configuration, App Connect, and App ID. Each card includes a brief description and a list of features or capabilities.

Category: Viewing 206 products

Alphabetically

Recommended products (6)

- Compute (30)
- Containers (9)
- Networking (30)
- Storage (20)
- AI / Machine Learning (17)
- Analytics (10)
- Blockchain (1)
- Databases (28)
- Developer tools (25)
- Logging and monitoring (3)
- Migration (8)
- Integration (10)
- Internet of Things (1)

Analytics Engine
By IBM

Submit your Apache Spark applications as needed and customize the Spark runtimes to satisfy the requirements of your application.

Lite • Free • HIPAA Enabled • IAM-enabled • Service Endpoint Supported • IBM supported

AnonTech Vizivault Platform
By Anon Technology, Inc.

Manage personal information as-a-service safely, securely, and in compliance with data privacy regulations using Vizivault

Lite • Free • HIPAA Enabled • IAM-enabled • Third party supported

API Connect
By IBM

An enterprise-grade platform for creating, securing, managing, sharing, monetizing, and analyzing custom APIs located on-premises and on the cloud.

Lite • Free • EU Supported • IAM-enabled • IBM supported

App Configuration
By IBM

Centralized, in-flight configuration for web and mobile applications and distributed environments.

App Connect
By IBM

Connect your applications, automate tasks, and improve productivity

App ID
By IBM

User Authentication and User Profiles for your apps.

STEP 3:

The screenshot shows the IBM Cloud Catalog interface for the Internet of Things Platform service. The top navigation bar is the same as in Step 2. The main content area displays the details for the Internet of Things Platform service. On the left, a sidebar lists categories: Recommended products (6), Compute (30), Containers (9), Networking (30), Storage (20), AI / Machine Learning (17), Analytics (10), Blockchain (1), Databases (28), Developer tools (25), Logging and monitoring (3), Migration (8), Integration (10), and Internet of Things (1). The main grid shows six service cards: Analytics Engine, AnonTech Vizivault Platform, API Connect, App Configuration, App Connect, and App ID. Each card includes a brief description and a list of features or capabilities.

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

Related links: Docs, Terms

Select a location

Select a pricing plan

Plan	Features	Pricing

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

Create

Add to estimate

STEP 4:

The screenshot shows the IBM Cloud console interface. At the top, there's a navigation bar with the IBM Cloud logo and a search bar. Below it, the 'Resource list' section displays 'Internet of Things Platform-k5' with an 'Active' status and 'Add tags' option. A sidebar on the left contains 'Manage', 'Plan', and 'Connections' links. The main content area features a large graphic of a central node connected to four surrounding nodes, with the text 'Let's get started with IBM Watson IoT Platform'. Below this, a section titled 'Ready for the next level?' shows the 'IBM Watson IoT Platform Journey' with three stages: 'Lite', 'Non-Production', and 'Production'. Each stage has a brief description of the service plan. The bottom of the screen shows a Windows taskbar with various application icons and system tray information.

STEP 5:

The screenshot displays the IBM Watson IoT Platform website. The header includes the 'IBM Watson IoT Platform' logo and a 'Sign in' button. The main visual is a dark blue background with white circuit-like lines and the text 'Collect data from Buildings and make value from it'. Below this, there's a 'Cookie consent' banner with three options: 'About cookies on this site', 'For more information, please review your Cookie preferences options and IBM's privacy statement.', and 'To provide a smooth navigation, your cookie preferences will be shared across the IBM web domains listed here.' An 'Accept all' button is also present. A OneDrive notification bubble in the bottom right corner states 'Screenshot saved. The screenshot was added to your OneDrive.' The bottom of the screen shows a Windows taskbar with a weather widget indicating '25°C Mostly cloudy' and system tray information.

STEP 6:

The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes the IBM logo and several open tabs: 'IBM Cloud Account Creation', 'Obtain an IBM Cloud Feature', 'Service Details - IBM Cloud', 'IBM Watson IoT Platform', and 'IBM-Project-44815-16607'. The main header displays the user's email 'divyapriyak2020@gmail.com' and ID '0ua6rz'. The left sidebar contains icons for various platform functions, with the 'Settings' icon (a gear) highlighted. The main content area is titled 'General Settings' and includes a sub-header: 'Here you can see and modify global organization information and locally enable experimental Watson IoT Platform features.' Below this, there are two sections: 'PLATFORM' and 'DATA AND DEVICES'. The 'PLATFORM' section is expanded, showing 'About', 'Identity', 'Experimental Features', 'Last Event Cache', 'Client Connection', and 'State API'. The 'Identity' section is further expanded, showing 'Organization ID' (0ua6rz) and 'Friendly Name' (0ua6rz). The 'Experimental Features' section is also expanded, showing 'Activate Experimental Features' (a toggle switch that is currently turned on), 'Current Features', and 'Custom Cards'. The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the date and time as 07:46 PM on 08-11-2022.

STEP 7:

The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes the IBM logo and several open tabs: 'IBM Cloud Account Creation', 'Obtain an IBM Cloud Feature', 'Service Details - IBM Cloud', 'IBM Watson IoT Platform', and 'IBM-Project-44815-16607'. The main header displays the user's email 'divyapriyak2020@gmail.com' and ID '0ua6rz'. The left sidebar contains icons for various platform functions, with the 'Policies' icon (a shield) highlighted. The main content area is titled 'Policies' and includes a sub-header: 'You can configure policies to enhance connection security and control access to the server from devices.' Below this, there are three sections: 'Connection Security', 'Blacklist', and 'Whitelist'. Each section has a description and a 'Configure' button (a pencil icon). The 'Connection Security' section is expanded, showing 'Configure the security level for device connection.' The 'Blacklist' section is also expanded, showing 'Block access from specific IP addresses. Activating a blacklist disables an active whitelist.' and a 'Disabled' status. The 'Whitelist' section is also expanded, showing 'Allow access from specific IP addresses. Activating a whitelist disables an active blacklist.' and a 'Disabled' status. The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the date and time as 07:47 PM on 08-11-2022.

STEP 8:

The screenshot shows the IBM Watson IoT Platform dashboard. The browser tabs include IBM, IBM Cloud Account Creation, Obtain an IBM Cloud Feature, Service Details - IBM Cloud, IBM Watson IoT Platform, and IBM-Project-44815-16607. The address bar shows the URL: 0ua6rz.internetofthings.ibmcloud.com/dashboard/usage. The page title is "IBM Watson IoT Platform". The user is logged in as divyapriyak2020@gmail.com with ID: 0ua6rz.

Overview

Usage metrics show how much your devices and applications use Watson IoT Platform. You can view a summary of the total usage for this month and the previous month, and details of data transferred during different time periods. The metrics are refreshed every 2 hours.

Usage Summary

THIS MONTH

0 bytes

Data transferred inbound and outbound

PREVIOUS MONTH

0 bytes

Data transferred inbound and outbound

Data Transferred

Data Period (months)

Taskbar: 25°C Mostly cloudy, Windows Start button, Search, Task View, File Explorer, Edge, VS Code, and system tray showing 07:47 PM on 08-11-2022.

STEP 9:

The screenshot shows the IBM Watson IoT Platform dashboard. The browser tabs include IBM, IBM Cloud Account Creation, Obtain an IBM Cloud Feature, Service Details - IBM Cloud, IBM Watson IoT Platform, and IBM-Project-44815-16607. The address bar shows the URL: 0ua6rz.internetofthings.ibmcloud.com/dashboard/members/browse. The page title is "IBM Watson IoT Platform". The user is logged in as divyapriyak2020@gmail.com with ID: 0ua6rz.

Browse + Add Members

Browse Members

Type the member email to search for

This table shows a summary of the members of the organization. It can be filtered, organized, and search on using different criteria. To get started, you can add members by clicking Add Members, or by using the API. For more information about members, see [Managing user access](#).

<input type="checkbox"/>	Email Address	Name	Role	Added By	Expires	
1 result						
<input type="checkbox"/>	divyapriyak2020@gmail.com	divyapriyak2020@gmail.com	Administrator	-	-	

Taskbar: 25°C Mostly cloudy, Windows Start button, Search, Task View, File Explorer, Edge, VS Code, and system tray showing 07:48 PM on 08-11-2022.

STEP 10:

IBM Watson IoT Platform

divyapriyak2020@gmail.com
ID: 0ua6rz

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

You don't have any devices.

Create IBM Watson...pdf Create IBM Watson...pdf Show all

25°C Mostly cloudy

STEP 11:

IBM Watson IoT Platform

divyapriyak2020@gmail.com
ID: 0ua6rz

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 ☐

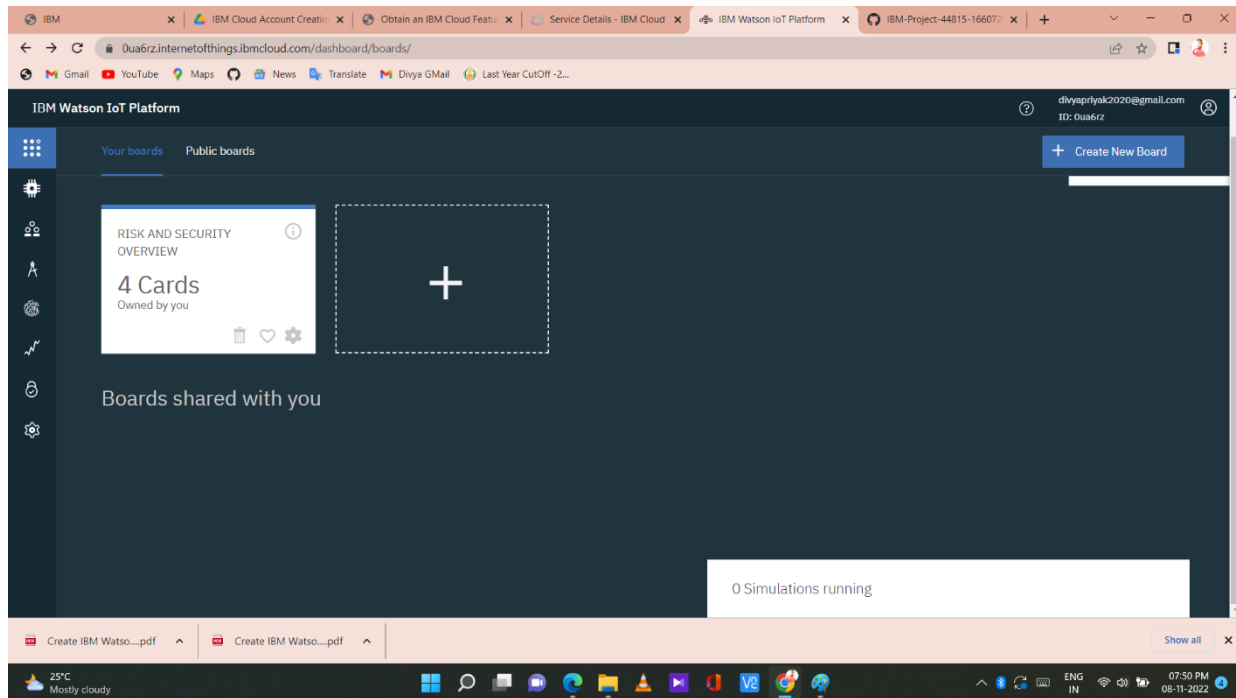
Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
-----------	--------	-------------	----------	------------	----------------------

You don't have any devices.

Create IBM Watson...pdf Create IBM Watson...pdf Show all

25°C Mostly cloudy

STEP 12:



RESULT:

Thus, IBM Watson IoT platform and device was created.