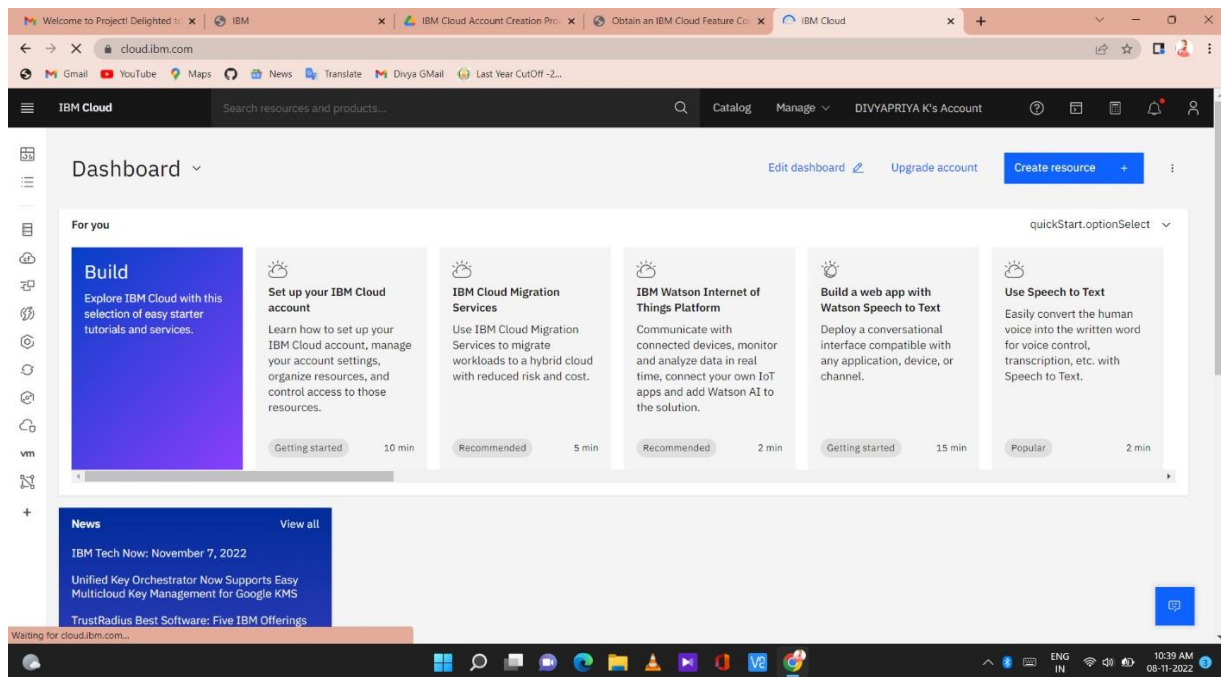


CREATE AND CONFIGURE IBM CLOUD SERVICES

CREATE IBM WATSON IOT PLATFORM AND DEVICE

Date	09 November 2022
Team ID	PNT2022TMID50351
Project Name	IOT based device 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 VizVault 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

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 VizVault Platform
By Anon Technology, Inc.
Manage personal information as-a-service safely, securely, and in compliance with data privacy regulations using VizVault
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 VizVault 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 a green 'Active' status and an 'Add tags' link. A sidebar on the left contains 'Manage', 'Plan', and 'Connections' options. The main content area features a large graphic of a central node connected to four peripheral 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 status indicators.

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-themed graphic with the word 'Buildings' in the center, flanked by 'Collect data from' and 'and make value from it'. Below the main graphic, there are three sections: '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.' A blue 'Accept all' button is visible. At the bottom, there's a Windows taskbar showing the date and time as 07:36 PM on 06-11-2022. A OneDrive notification bubble in the bottom right corner states 'Screenshot saved. The screenshot was added to your OneDrive.'

STEP 6:

The screenshot shows the IBM Watson IoT Platform 'General Settings' page. The left sidebar contains navigation links for PLATFORM (About, Identity, Experimental Features, Last Event Cache, Client Connection, State API), DATA AND DEVICES (Custom Device, Management Packages, Device Simulator), and a top-level menu. The main content area displays 'Organization ID' as '0ua6rz' and 'Friendly Name' as '0ua6rz'. Below this, the 'Experimental Features' section includes a description and a toggle switch for 'Activate Experimental Features', which is currently turned off. The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the date and time.

STEP 7:

The screenshot shows the IBM Watson IoT Platform 'Policies' page. The left sidebar is identical to the previous screenshot. 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 policy sections: 'Connection Security' (with a description and a pencil icon), 'Blacklist' (with a description, a 'Disabled' status, and a pencil icon), and 'Whitelist' (with a description, a 'Disabled' status, and a pencil icon). The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the date and time.

STEP 8:

The screenshot shows the IBM Watson IoT Platform dashboard for the 'Usage' section. The page title is 'Usage Summary'. It provides a summary of data transferred for the current and previous months. The 'THIS MONTH' section shows '0 bytes' of data transferred inbound and outbound. The 'PREVIOUS MONTH' section also shows '0 bytes' of data transferred inbound and outbound. Below the summary, there is a section titled 'Data Transferred' with a sub-header 'Data Transferred (months)'. The dashboard includes a sidebar with navigation icons and a top bar with the user's email 'divyapriyak2020@gmail.com' and ID '0ua6rz'.

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 Transferred (months)

STEP 9:

The screenshot shows the IBM Watson IoT Platform dashboard for the 'Browse Members' section. The page title is 'Browse Members'. It includes a search bar with the placeholder text 'Type the member email to search for'. Below the search bar, there is a table showing the members of the organization. The table has columns for 'Email Address', 'Name', 'Role', 'Added By', and 'Expires'. There is one member listed: 'divyapriyak2020@gmail.com' with the role of 'Administrator'. The dashboard includes a sidebar with navigation icons and a top bar with the user's email 'divyapriyak2020@gmail.com' and ID '0ua6rz'.

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](#).

Email Address	Name	Role	Added By	Expires
divyapriyak2020@gmail.com	divyapriyak2020@gmail.com	Administrator	-	-

STEP 10:

IBM Watson IoT Platform

divyapriyak2020@gmail.com
ID: 0ua6rz

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

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
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You don't have any devices.

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

25°C Mostly cloudy

07:48 PM 08-11-2022

STEP 11:

IBM Watson IoT Platform

divyapriyak2020@gmail.com
ID: 0ua6rz

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

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

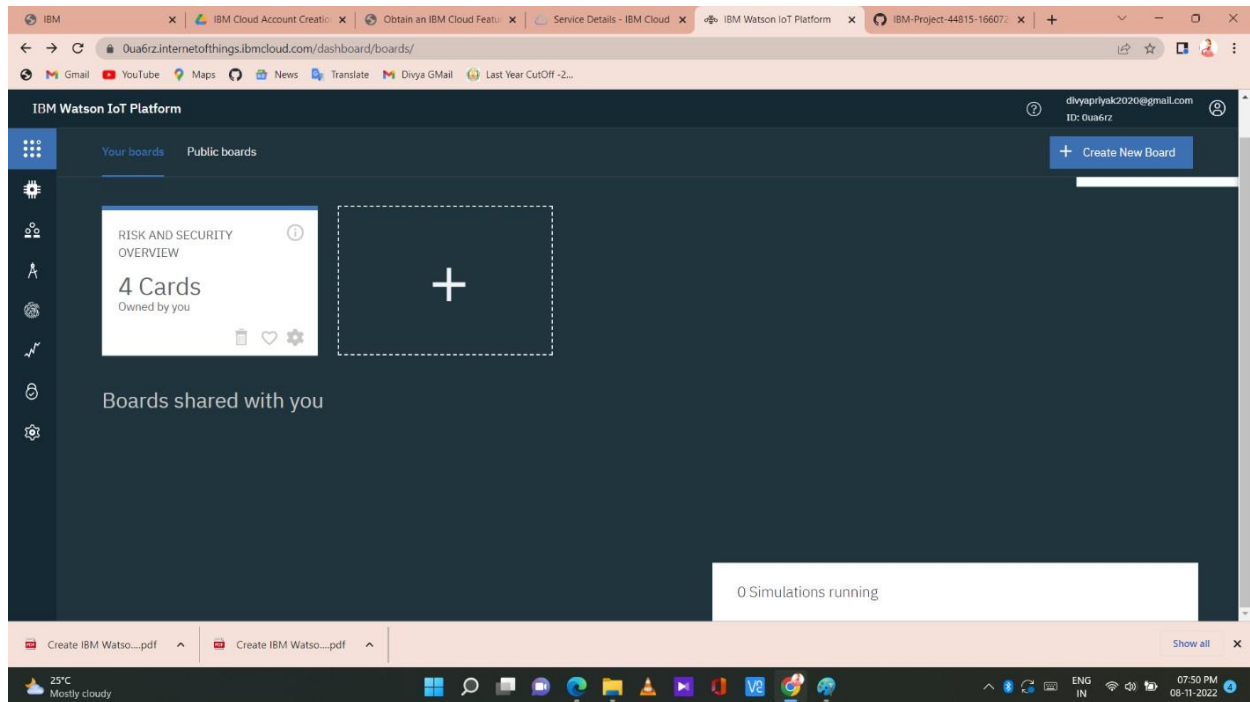
You don't have any devices.

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

25°C Mostly cloudy

07:45 PM 08-11-2022

STEP 12:



RESULT:

Thus IBM Watson IoT platform and device was created.