

SPRINT 1

TEAM ID	PNT2022TMID35045
PROJECT NAME	IOT BASED SMART CROP PROTECTION SYSTEM IN AGRICULTURE
MAXIMUM MARKS	20 MARKS

The screenshot displays the IBM Cloud Catalog interface. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and user account information. Below the navigation bar, the main content area is titled 'Catalog' and features a search bar. A large, stylized illustration of a server rack and data flow is visible in the background. On the left side, there's a 'Category' sidebar with a list of product categories and their counts: Recommended products (6), Compute (30), Containers (9), Networking (30), Storage (20), AI / Machine Learning (17), Analytics (10), Blockchain (1), Databases (28), and Developer tools (25). The main content area shows 'Viewing 206 products' and a list of three featured products: Analytics Engine, AnonTech Vizivault Platform, and API Connect. Each product card includes a description, a list of features (e.g., Lite, Free, HIPAA Enabled, IAM-enabled, Service Endpoint Supported, IBM supported), and a small icon representing the product.

Category ^ Viewing 206 products

☆ Recommended products (6)

☰ Compute (30)

☐ Containers (9)

🌐 Networking (30)

📁 Storage (20)

🧠 AI / Machine Learning (17)

📊 Analytics (10)

🔗 Blockchain (1)

🗄️ Databases (28)

🔧 Developer tools (25)

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

Watson IoT Service Creation - Yo...IBMIBM Cloud Account Creation Pro...Obtain an IBM Cloud Feature Co...Internet of Things Platform - IBM...
https://cloud.ibm.com/catalog/services/internet-of-things-platformCatalogManageAarthika R's Account

Search resources and products...

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

Dallas

Washington DC

Related links

Docs

Terms

Select a location

Frankfurt (eu-de)

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 Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed	Free

The Lite service plan for Internet of Things Platform includes up to 500 registered devices, and a maximum of 200 MB each of data exchanged, data analyzed, and edge data analyzed per month.

Summary

Internet of Things Platform

Free

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-u7

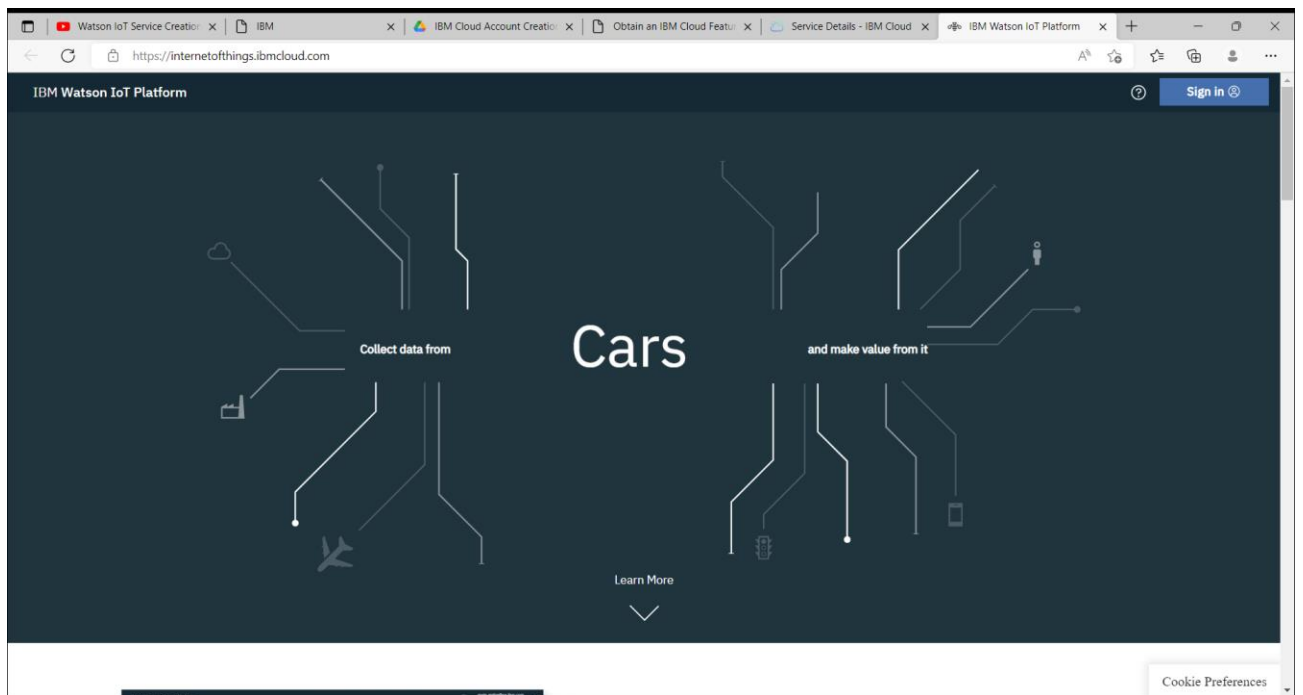
Resource group: Default

☒ I have read and agree to the following license agreements:

[Terms](#)

Create

Add to estimate



DEVICE CREDENTIALS INFORMATION:

The screenshot displays the IBM Watson IoT Platform interface. The browser address bar shows the URL: `https://1znt2c.internetofthings.ibmcloud.com/dashboard/devices/drilldown/123456:PNT2022TMID35045?returnTo=/devices/browse`. The page title is "Device Drilldown - PNT2022TMID35045".

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	1znt2c
Device Type	123456
Device ID	PNT2022TMID35045
Authentication Method	use-token-auth
Authentication Token	12345678

Warning: 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](#)

The left sidebar contains the following menu items: Back, Device Credentials (selected), Connection Information, Recent Events, State, Device Information, Metadata, Diagnostics, Connection Logs, and Device Actions.

The bottom status bar shows the weather as 28°C Cloudy, a search bar, and system icons for language (ENG IN), connectivity, and time (14:54, 14-11-2022).

IBM

IBM Cloud Account Creation Pro

Obtain an IBM Cloud Feature Co

Service Details - IBM Cloud

IBM Watson IoT Platform

https://1znt2c.internetofthings.ibmcloud.com/dashboard/devices/drilldown/123456:PNT2022TMID35045?returnTo=/devices/browse

IBM Watson IoT Platform

aarthika1052001@gmail.com
ID: 1znt2c

Back

Device Drilldown - PNT2022TMID35045

Device Credentials

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

Connection Information

Basic connection information about this device.

Device ID

PNT2022TMID35045

Device Type

123456

Date Added

Nov 14, 2022 2:54 PM

Added By

aarthika1052001@gmail.com

Connection Status

Disconnected

Recent Events

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

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

28°C
Cloudy

Search

ENG
IN

14:57
14-11-2022

IBM

IBM Cloud Account Creation Pro

Obtain an IBM Cloud Feature Co

Service Details - IBM Cloud

IBM Watson IoT Platform

https://1znt2c.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

aarthika1052001@gmail.com
ID: 1znt2c

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
>	35045	Disconnected	1234	Device	Nov 14, 2022 12:13 PM	
>	35045	Disconnected	12345	Device	Nov 14, 2022 12:29 PM	
>	PNT2022TMID35045	Disconnected	123456	Device	Nov 14, 2022 2:54 PM	

Items per page 50 | 1-3 of 3 items

1 of 1 page

28°C
Cloudy

Search

ENG
IN

15:02
14-11-2022

OUTPUT:

[Browse](#) [Action](#) [Device Types](#) [Interfaces](#) [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
event_1	{"randomNumber":29,"soil moisture":88,"humidi...	json	a few seconds ago
event_1	{"randomNumber":25,"soil moisture":53,"humidi...	json	a few seconds ago
event_1	{"randomNumber":69,"soil moisture":59,"humidi...	json	a few seconds ago
event_1	{"randomNumber":52,"soil moisture":57,"humidi...	json	a few seconds ago
event_1	{"randomNumber":94,"soil moisture":77,"humidi...	json	a few seconds ago

1 Simulation running