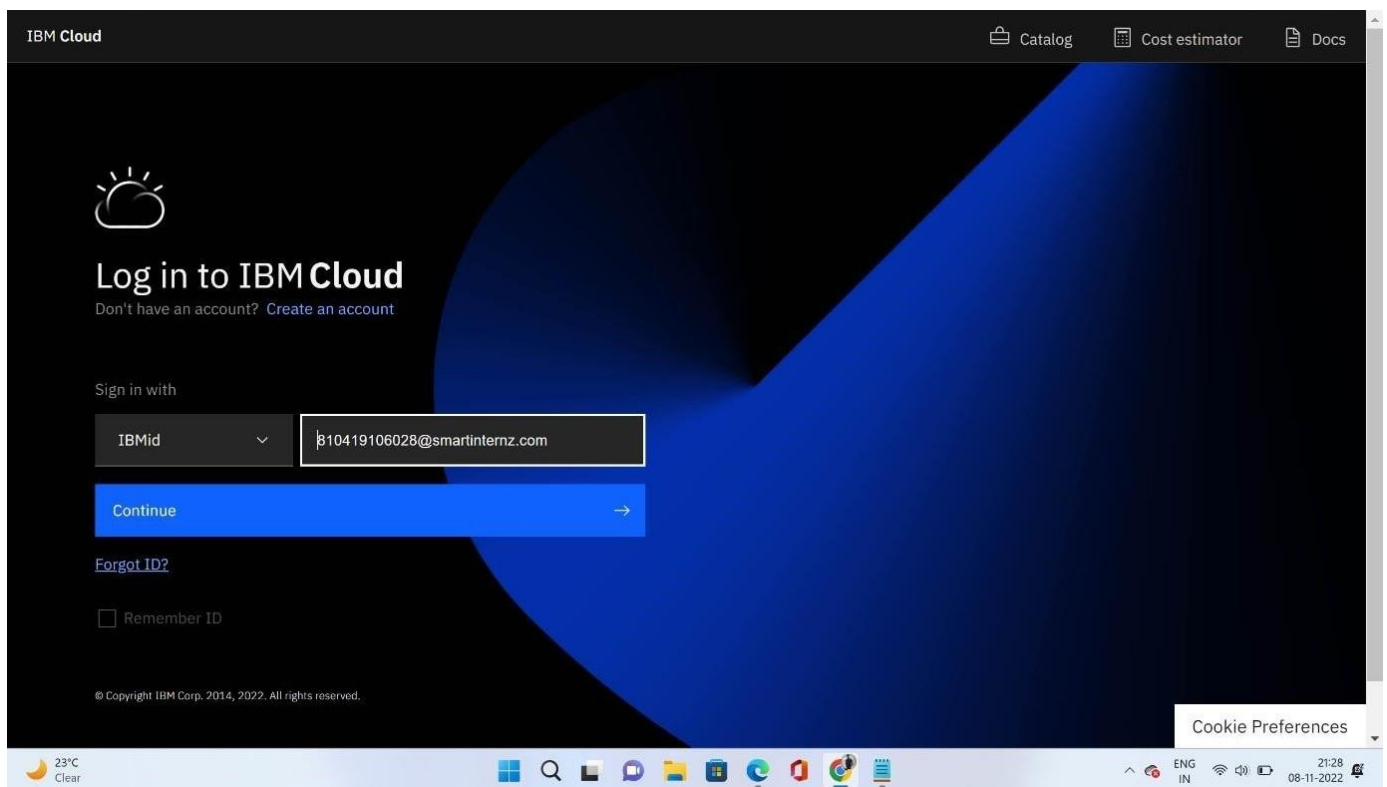


## IBM Watson Platform

<b>Team ID</b>	PNT2022TMID08457
<b>Project Name</b>	Smart Farmer -IOT Enabled Smart Farming Application
<b>Maximum Marks</b>	4 Marks

### STEPS:

Firstly create an IBM cloud account with IBMid and password



## Home page of IBM cloud

**For you** Select an option ▾

**Build**  
Explore IBM Cloud with this selection of easy starter tutorials and services.

**Set up your IBM Cloud account**  
Learn how to set up your IBM Cloud account, manage your account settings, organize resources, and control access to those resources.  
Getting started 10 min

**Build a web app with Watson Speech to Text**  
Deploy a conversational interface compatible with any application, device, or channel.  
Getting started 15 min

**Get Started with Watson Studio**  
Get started with using AI and Cloud Object Storage in 15 minutes.  
Popular 2 hr

**Pick your compute**  
Select a compute option based on your needs, or match to fit your environment requirement  
Recommended 2

**User access** Manage users

Enter email addresses below to jump directly into the invite user setup:

Enter up to 100 email addresses

**News** View all

IBM Tech Now: November 7, 2022

Unified Key Orchestrator Now Supports Easy Multicloud Key Management for Google KMS

TrustRadius Best Software: Five IBM Offerings to Make the List

Announcing IBM Cloud Pak for Network Automation Version 2.4

**Planned maintenance** View all

23°C Clear 21:28 08-11-2022

## Click on the catalog on the top

**IBM Cloud** Catalog Manage ▾ Kuruba Ashok's Account ? 📅 📧 🔔 👤

Search the catalog... Sell on IBM Cloud Catalog settings

☆ 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)
- 🔒 Security (25)
- 📱 Mobile (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.

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

https://cloud.ibm.com/catalog 23°C Clear 21:29 08-11-2022

Click on IoT in the category mentioned

The screenshot shows the IBM Cloud Catalog interface. At the top, there's a navigation bar with 'IBM Cloud', a search icon, 'Catalog', 'Manage', and 'Kuruba Ashok's Account'. Below the navigation bar is a search bar with the text 'Search the catalog...'. On the left side, there are filters for 'Type' (All, Services, Software, Professional services), 'Provider' (IBM (1)), 'Pricing plan' (Lite, Free), and 'Compliance' (IAM-enabled). The main content area shows 'Viewing 1 product' with a filter for 'Internet of Things'. The product card for 'Internet of Things Platform' by IBM is displayed, with 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.' and pricing: 'Lite • Free • IAM-enabled • IBM supported'. At the bottom, there's a 'Learn more' link and a Windows taskbar with the date '08-11-2022'.

If Already a lite is present delete it else u can't create another

The screenshot shows the IBM Cloud Catalog interface for the 'Internet of Things Platform' product. The page has a 'Create' tab selected. On the left, there's a sidebar with details: 'Type: Service', 'Provider: IBM', 'Last updated: 08/15/2022', 'Category: Internet of Things', 'Compliance: IAM-enabled', and 'Location: Frankfurt, London, Dallas, Washington DC'. The main content area has 'Select a location' with 'Frankfurt (eu-de)' selected and 'Select a pricing plan' with 'Lite' selected. A table shows the 'Lite' plan with features: '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', and pricing: 'Free'. On the right, there's a 'Summary' panel with 'Internet of Things Platform' and 'Free' plan, 'Location: Frankfurt', 'Plan: Lite', 'Service name: Internet of Things Platform-ss', and 'Resource group: Default'. A warning message states: 'Existing Lite plan instance. You can have only 1 Lite plan instance of this service per resource group. Delete your current Lite plan instance in Default resource group to create a new one, or view the existing instance.' At the bottom, there's a checkbox for 'I have read and agree to the following license agreements:' and a 'Create' button. The Windows taskbar at the bottom shows the date '08-11-2022'.

And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display of details of the devices

IBM Cloud

Resource list / Internet of Things Platform-gf 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.

☐ **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.

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## Device Events:

**Device Events**

[Browse](#) [Action](#) [Device Types](#) [Interfaces](#) [Add Device](#)

Device ID	Status	Device Type	Class ID	Date Added
weather_today	Disconnected	weather_monitor	Device	Nov 8, 2022 3:34 PM

**Identity** **Device Information** **Recent Events** **State** **Logs**

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	{"temperature":15,"humidity":86}	json	a few seconds ago
event_1	{"temperature":53,"humidity":34}	json	a few seconds ago

Items per page 50 | 1-1 of 1 item

1 of 1 page

1 Simulation running

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