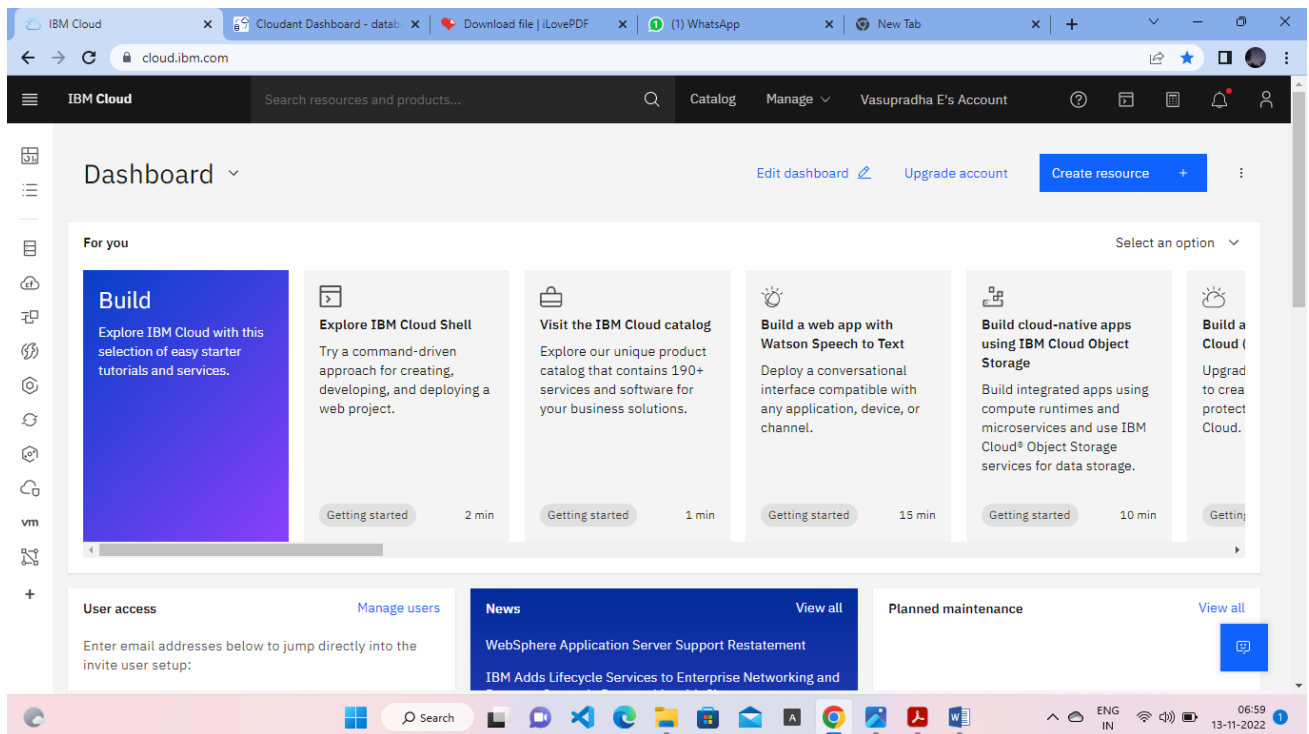
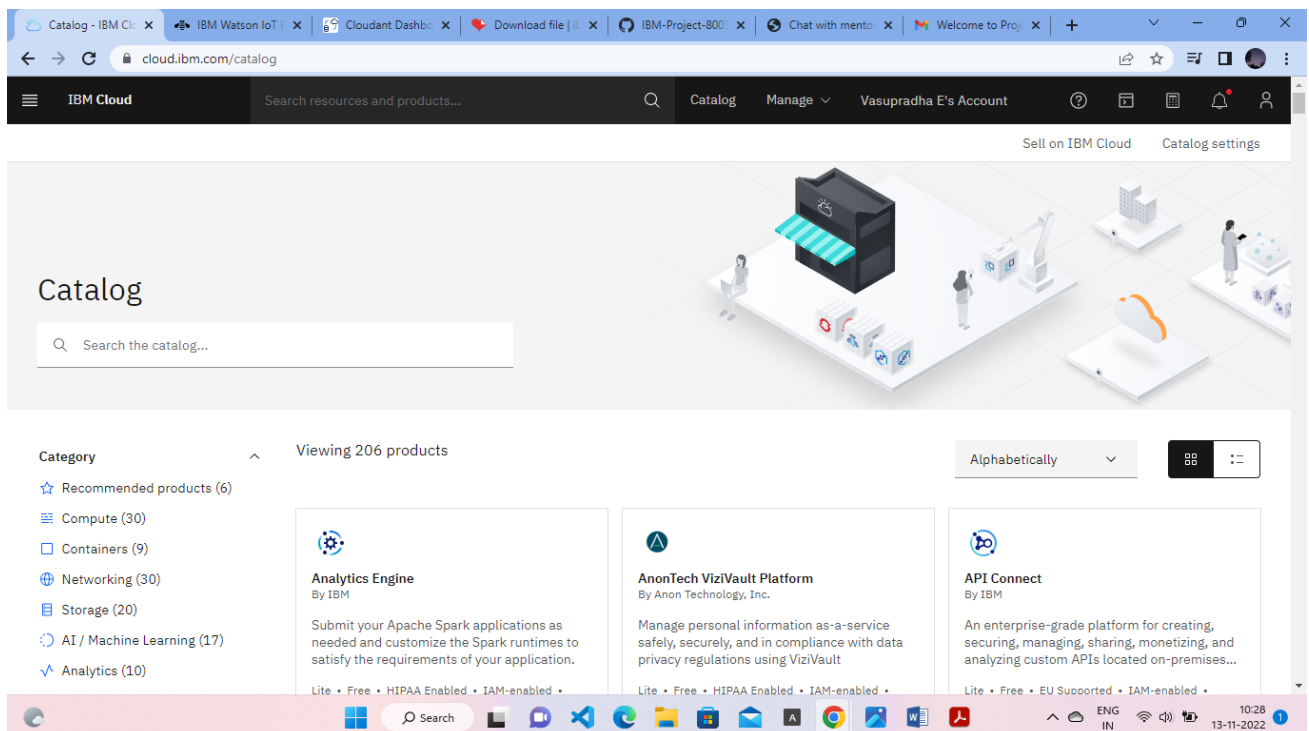


CREATE IBM WATSON IOT PLATFORM AND DEVICE

Date:	13 NOVEMBER 2022
Team ID:	PNT2022TMID20267
Project Name:	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES



The screenshot shows the IBM Cloud Dashboard. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Vasupradha E's Account). The main content area is titled "Dashboard" and features a "For you" section with several cards: "Build" (Explore IBM Cloud with this selection of easy starter tutorials and services), "Explore IBM Cloud Shell" (Try a command-driven approach for creating, developing, and deploying a web project), "Visit the IBM Cloud catalog" (Explore our unique product catalog that contains 190+ services and software for your business solutions), "Build a web app with Watson Speech to Text" (Deploy a conversational interface compatible with any application, device, or channel), "Build cloud-native apps using IBM Cloud Object Storage" (Build integrated apps using compute runtimes and microservices and use IBM Cloud® Object Storage services for data storage), and "Build a Cloud (IaaS)" (Upgrade to create protect Cloud). Below these cards are sections for "User access" (Manage users), "News" (WebSphere Application Server Support Restatement, IBM Adds Lifecycle Services to Enterprise Networking and...), and "Planned maintenance" (View all). The bottom of the dashboard shows a Windows taskbar with various application icons and the system clock (06:59, 13-11-2022).



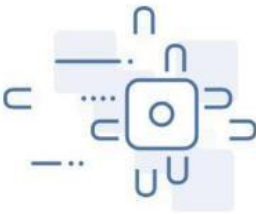
The screenshot shows the IBM Cloud Catalog. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Vasupradha E's Account). The main content area is titled "Catalog" and features a search bar (Search the catalog...). Below the search bar is a "Category" section with a list of categories: "Recommended products (6)", "Compute (30)", "Containers (9)", "Networking (30)", "Storage (20)", "AI / Machine Learning (17)", and "Analytics (10)". The "Viewing 206 products" section displays three product cards: "Analytics Engine" (By IBM), "AnonTech ViziVault Platform" (By Anon Technology, Inc.), and "API Connect" (By IBM). Each card includes a brief description and a "Lite • Free • HIPAA Enabled • IAM-enabled" badge. The bottom of the catalog shows a Windows taskbar with various application icons and the system clock (10:28, 13-11-2022).

Resource list / Internet of Things Platform-xl 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**

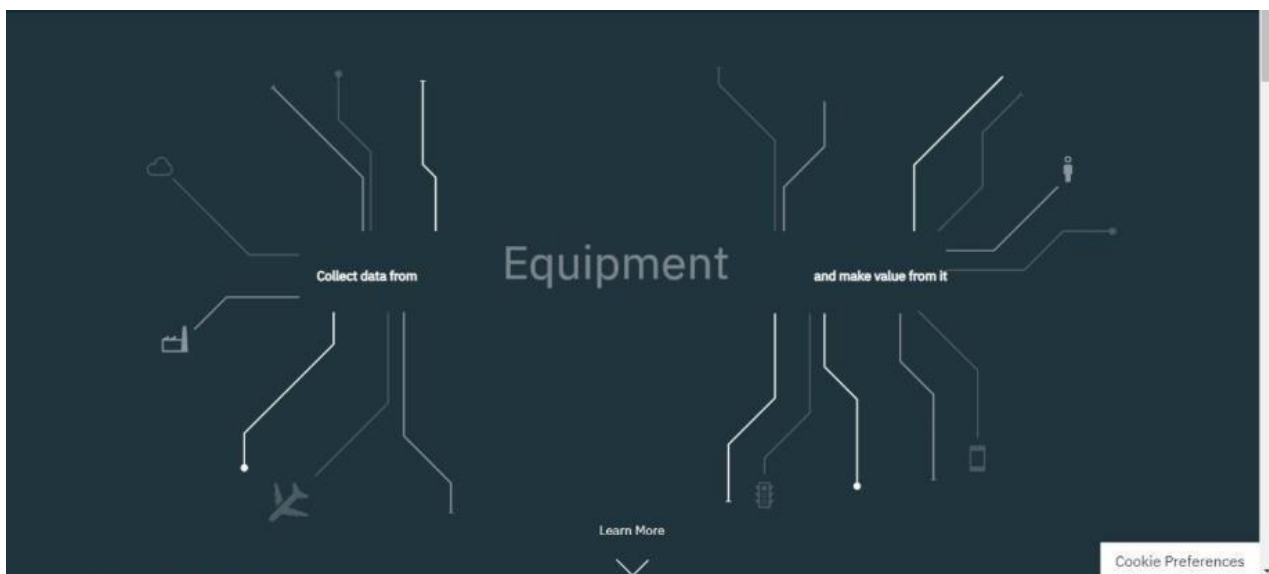
The Lite service plan provides a lightweight development environment to get you started.

☐ **Non-Production**

The Non-Production service plan is a full-featured, fully-integrated offering that enables

☐ **Production**

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



Equipment

Collect data from

and make value from it

[Learn More](#)

[Cookie Preferences](#)

Service Details x IBM Watson IoT x Cloudant Dashb x Download file | x IBM-Project-800 x Chat with mento x Welcome to Proj x

1bj25c.internetofthings.ibmcloud.com/dashboard/boards

IBM Watson IoT Platform 130719106304@smartinternz.com ID: 1bj25c

[Your boards](#) [Public boards](#) [+ Create New Board](#)

Your boards Sort By Recently changed

SMART HOME No cards Owned by you

USAGE OVERVIEW 3 Cards Owned by you

RISK AND SECURITY OVERVIEW 4 Cards Owned by you

Boards shared with you

0 Simulations running

IBM Watson IoT Platform

General Settings

Here you can see and modify global organization information and locally enable experimental W

PLATFORM

- About
- Identity
- Experimental Features
- Last Event Cache**
- Client Connection State API

DATA AND DEVICES

- Custom Device Management Packages
- Device Simulator

Client Connection State API

The Client Connection State API provides client conn documentation.

Activate Client Connection State API ☐

Device Type: TestDeviceType

Events 1 New event type +

Event type name: event_1 Send 🗑️

Schedule: 20 Every Minute

Payload: Specify the event payload in the editor window or by uploading a CSV file.

```
0 {
1   "temperature": random(0, 100)
2   "humidity": random(0, 100)
3 }
4
```

Upload a CSV file Cancel Save

Browse Action Device Types Interfaces Add Device +

Delete 1 item selected Cancel

Device ID	Status	Device Type	Class ID	Date Added
1234	Disconnected	TestDeviceType	Device	Nov 2, 2022 10:24 AM

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":37,"humidity":52]	json	a few seconds ago
event_1	["temperature":65,"humidity":36]	json	a few seconds ago
event_1	["temperature":57,"humidity":8]	json	a few seconds ago
event_1	["temperature":17,"humidity":65]	json	a few seconds ago

1 Simulation running

Service Details x IBM Watson IoT x Cloudant Dashb x Download file | x IBM-Project-800 x Chat with mento x Welcome to Proj x

1b25c.internetofothings.ibmcloud.com/dashboard/boards/427134a9-8e1e-4b87-b4dd-ee79c76b1621

IBM Watson IoT Platform

SMART H

Create Card

Card type
Select card type

Devices

- Generic visualisation
- Line chart
- Bar chart
- Donut chart
- Value
- Gauge
- Semaphore
- Device Properties
- All device properties
- Device list
- Device info
- Device map

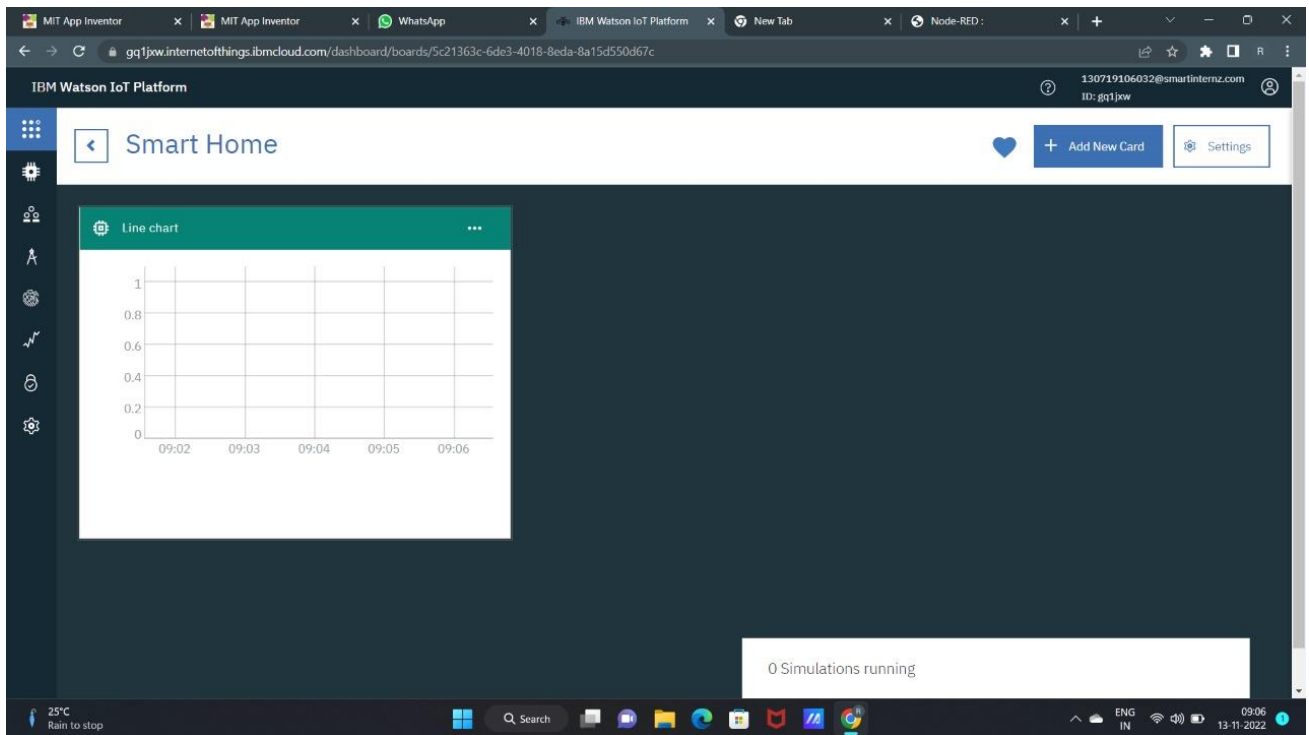
Usage

130719106304@smartinternz.com
ID: 1b25c

Add New Card Settings

Search

ENG IN 10:38 13-11-2022



RESULT:

An IBM Watson cloud for IoT and a device is created successfully.

