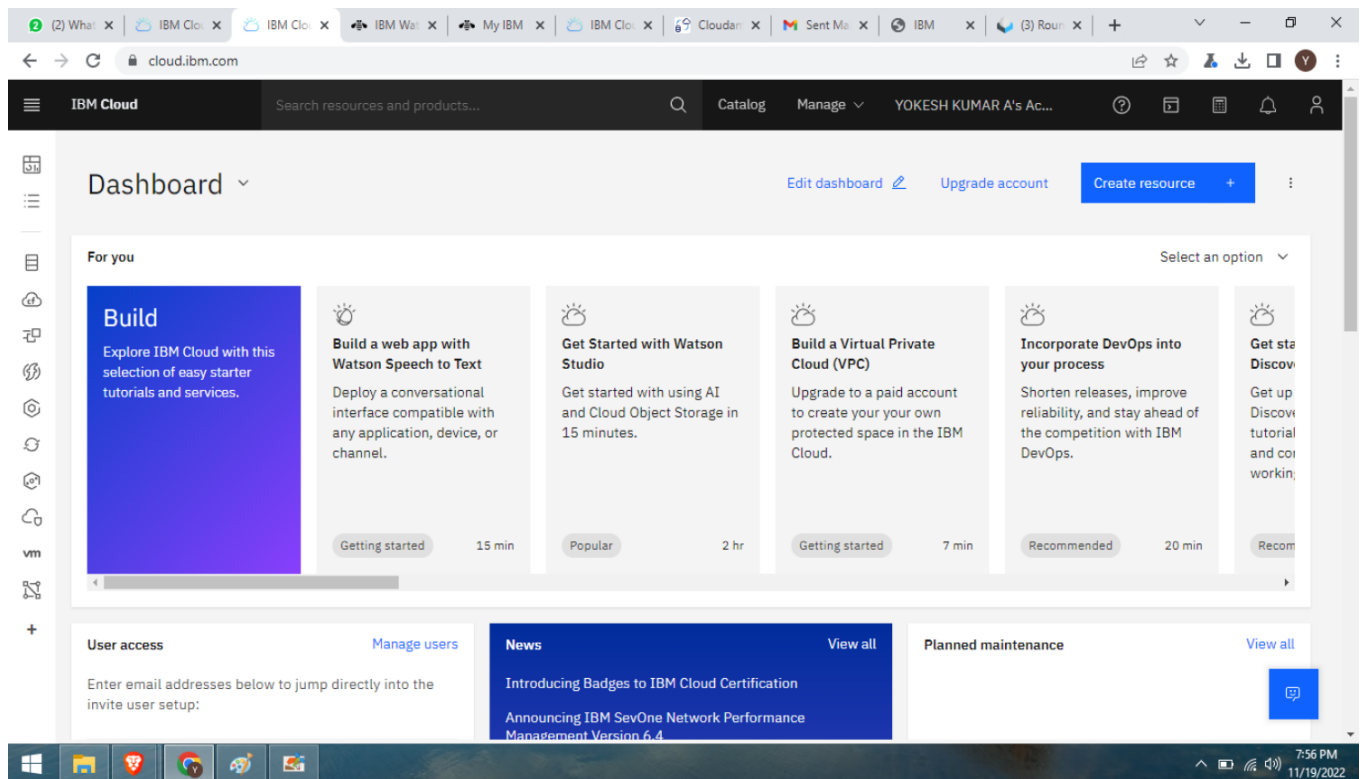
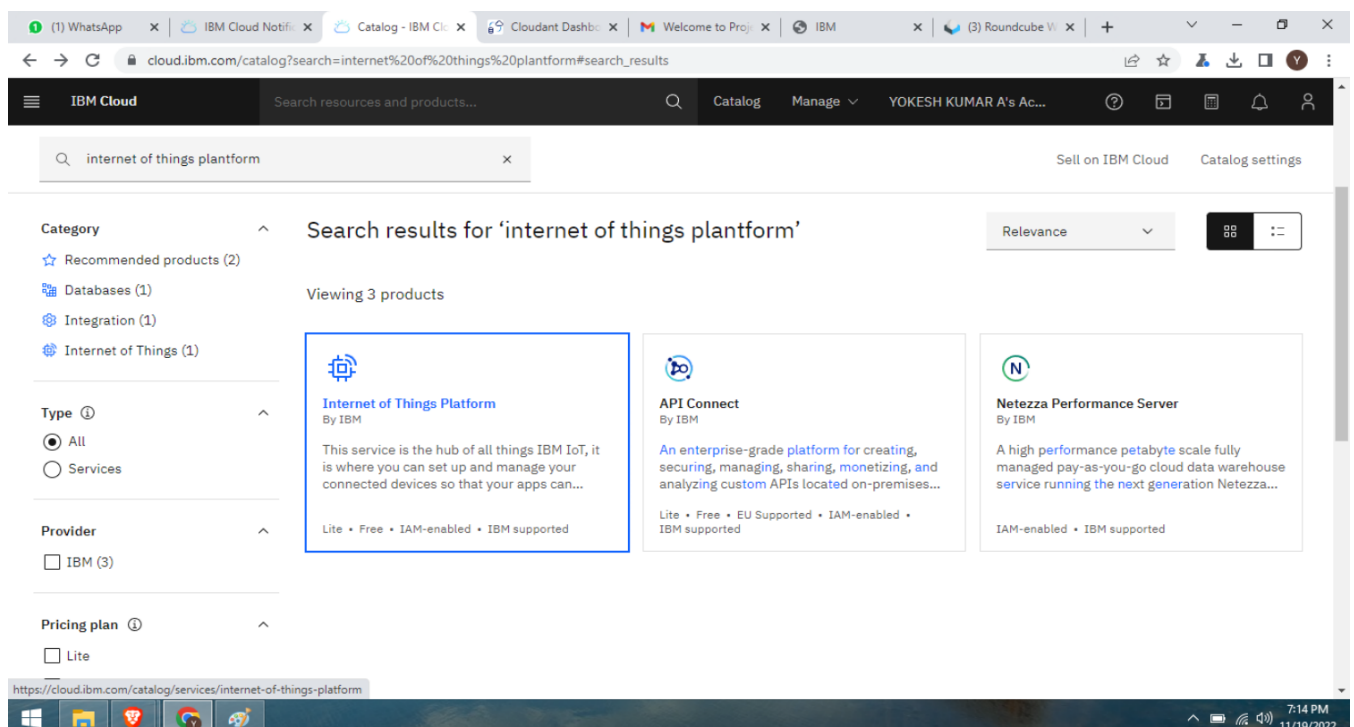


# CREATE IBM WATSON IOT PLATFORM AND DEVICE

Date:	3 NOVEMBER 2022
Team ID:	PNT2022TMID17427
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 profile (YOKESH KUMAR A's Ac...). 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), 'Build a web app with Watson Speech to Text' (Deploy a conversational interface compatible with any application, device, or channel), 'Get Started with Watson Studio' (Get started with using AI and Cloud Object Storage in 15 minutes), 'Build a Virtual Private Cloud (VPC)' (Upgrade to a paid account to create your own protected space in the IBM Cloud), 'Incorporate DevOps into your process' (Shorten releases, improve reliability, and stay ahead of the competition with IBM DevOps), and 'Get started with Watson Discovery' (Get up to speed with the Watson Discovery tutorial and code samples). Below the 'For you' section, there are links for 'User access' (Manage users), 'News' (View all), and 'Planned maintenance' (View all). The bottom of the dashboard shows a Windows taskbar with various application icons and the system clock (7:56 PM, 11/19/2022).



The screenshot shows the IBM Cloud Catalog search results for 'internet of things platform'. The search bar at the top contains the text 'internet of things platform'. The results are displayed under the heading 'Search results for 'internet of things platform''. The left sidebar shows filters for Category (Recommended products (2), Databases (1), Integration (1), Internet of Things (1)), Type (All, Services), Provider (IBM (3)), and Pricing plan (Lite). The main content area shows three product cards: 'Internet of Things Platform' (By IBM), 'API Connect' (By IBM), and 'Netezza Performance Server' (By IBM). The 'Internet of Things Platform' card is highlighted with a blue border. The bottom of the screenshot shows a Windows taskbar with various application icons and the system clock (7:14 PM, 11/19/2022).

Browser tabs: (1) WhatsApp, IBM Cloud Notifi..., Service Details, Cloudant Dash..., Welcome to Proj..., IBM, (3) Roundcube W...


URL: cloud.ibm.com/services/iotf-service/crn%3Av1%3Abluemix%3Apublic%3Aiotf-service%3Aeu-de%3Aa%2F87a55043c8384790a6e31897964be500%3A7f9a8cda...

IBM Cloud | Search resources and products... | Catalog | Manage | YOKESH KUMAR A's Ac...

### Resource list / Internet of Things Platform-0s

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

Browser tabs: (1) WhatsApp, IBM Cloud Notifi..., Service Details, IBM Watson, Cloudant Dash..., Welcome to Proj..., IBM, (3) Roundcube W...

URL: internetofthings.ibmcloud.com

### IBM Watson IoT Platform




92172019104179@smartintenz.com ID: (select org)



**Collect data from**

**Equipment**

**and make value from it**



[Learn More](#)







[Cookie Preferences](#)

Browser tabs: (1) WhatsApp, IBM Cloud Notifi..., Service Details, IBM Watson, My IBM, IBM Cloud, Cloudant Dash..., Welcome to Proj..., IBM, (3) Roundcube W...

URL: gdryd1.internetofthings.ibmcloud.com/dashboard/boards/

### IBM Watson IoT Platform

92172019104179@smartintenz.com ID: gdryd1



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

**Your boards**

**YOKESH**

No cards

Owned by you

**RISK AND SECURITY OVERVIEW**

4 Cards

Owned by you

Sort By

Recently changed

**Boards shared with you**



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 con documentation.

Activate Client Connection State API

Custom Device Management Packages

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.

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

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":67,"humidity":8}	json	a few seconds ago
event_1	{"temperature":17,"humidity":65}	json	a few seconds ago

1 Simulation running

Create Card

Card type

Select card type

Devices

Generic visualization

Line chart

Bar chart

Donut chart

Value

Gauge

Semaphore

Device Properties

All device properties

Device list

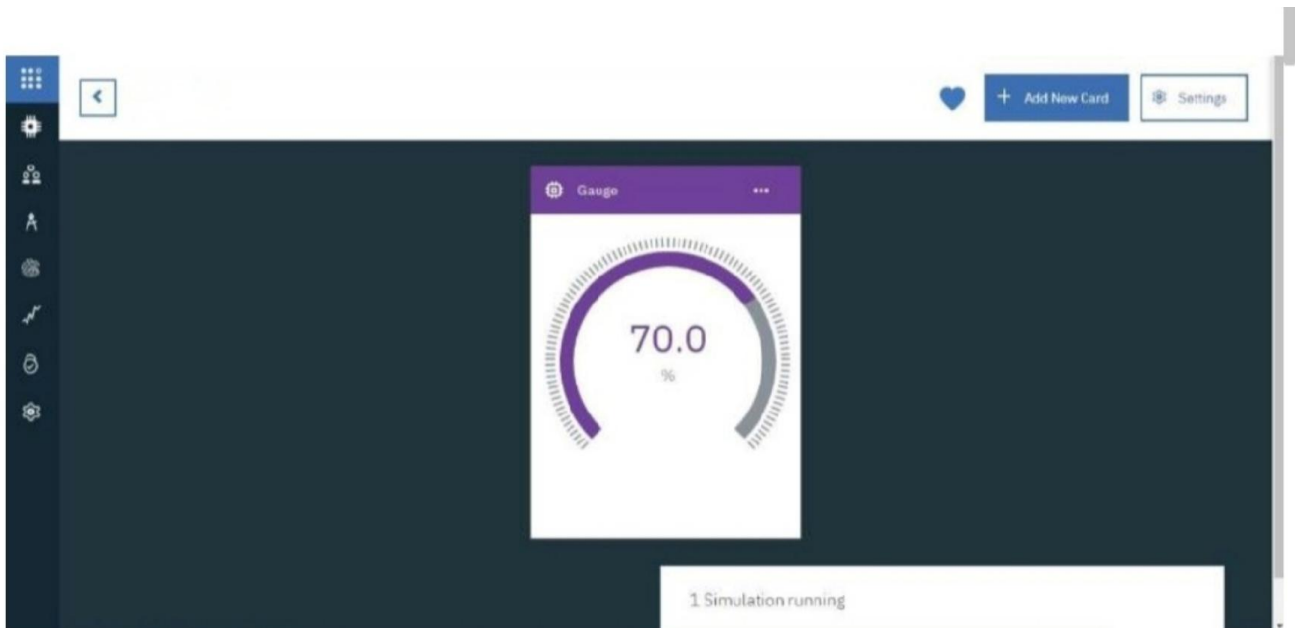
Device info

Device map

Usage

Add New Card

Settings



**RESULT:**

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