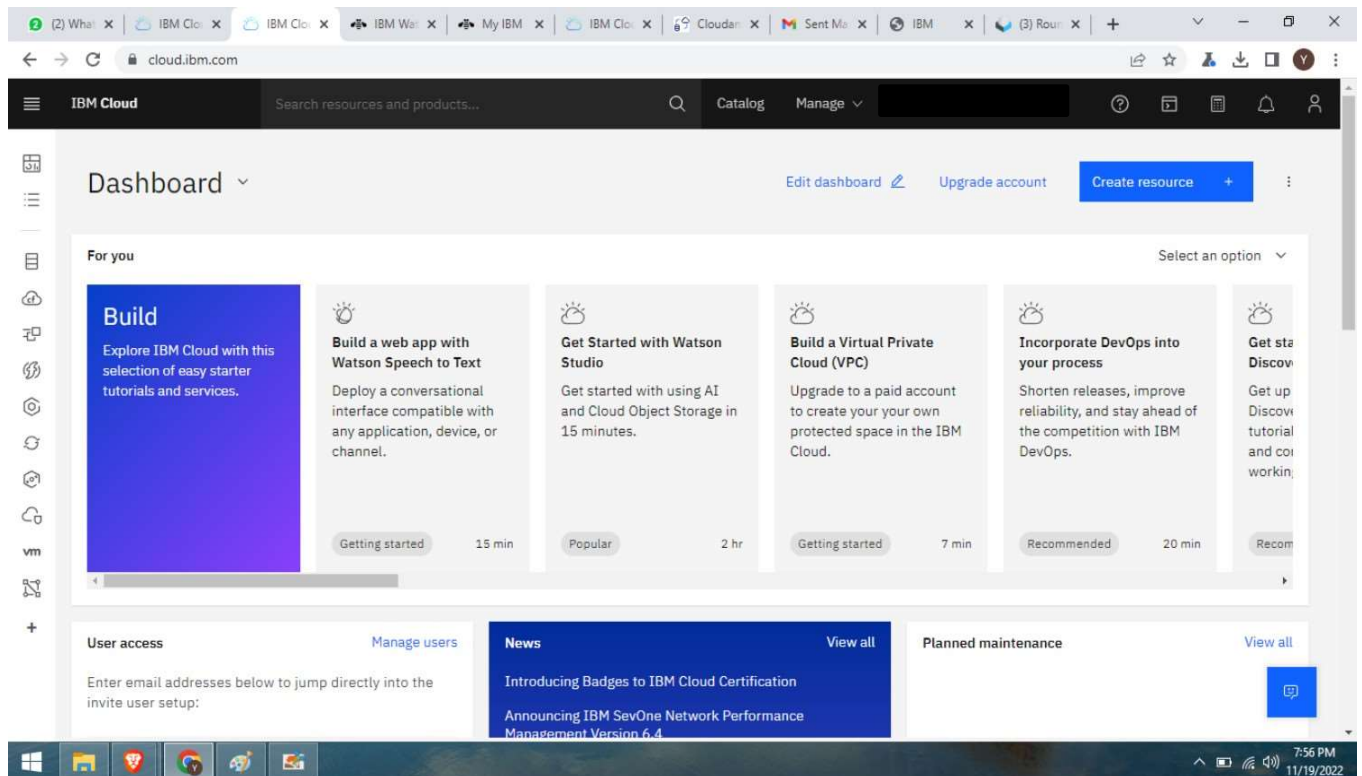
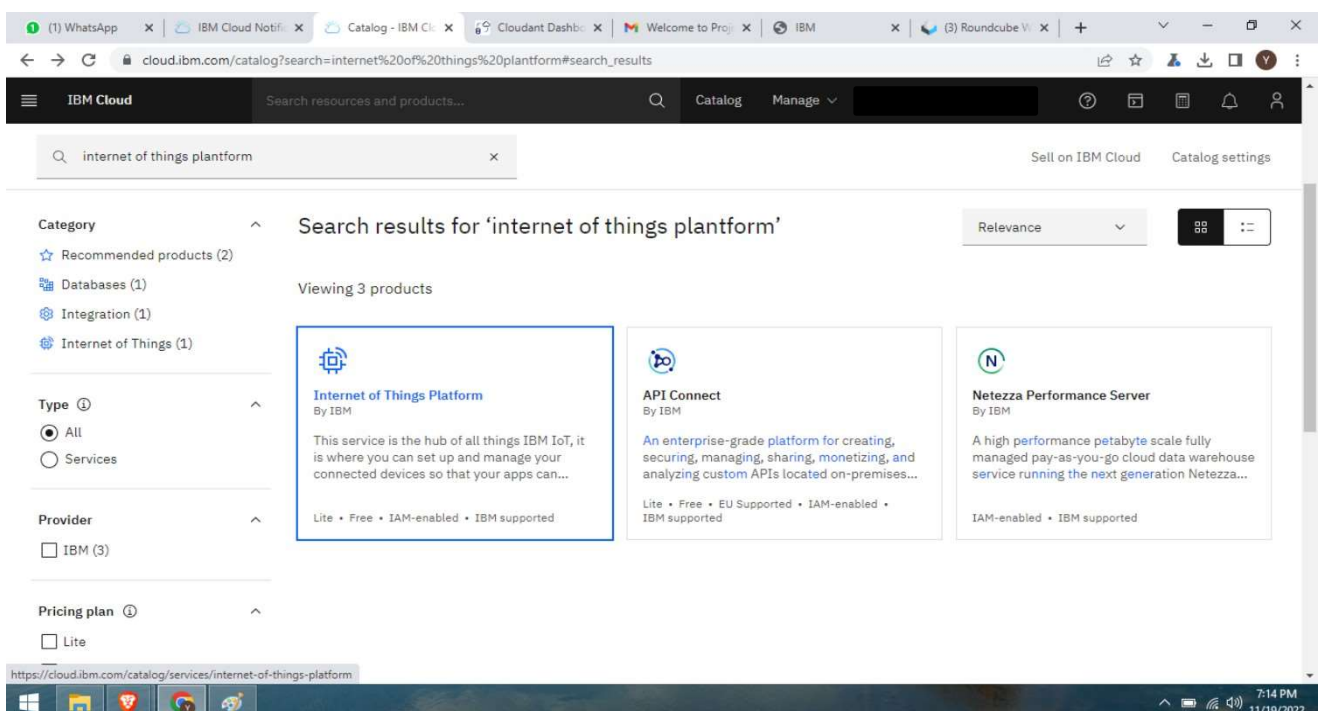


CREATE IBM WATSON IOT PLATFORM AND DEVICE

Date:	3 NOVEMBER 2022
Team ID:	PNT2022TMID17268
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 a user profile. The main content area is titled 'Dashboard' and features a 'For you' section with several recommended actions: '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 Watson Discovery tutorial and code samples). Below the 'For you' section, there are links for 'User access', 'News' (Introducing Badges to IBM Cloud Certification, Announcing IBM SevOne Network Performance Management Version 6.4), and 'Planned maintenance'.



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 in a grid format. The first result is 'Internet of Things Platform' by IBM, described as '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...'. The second result is 'API Connect' by IBM, described as 'An enterprise-grade platform for creating, securing, managing, sharing, monetizing, and analyzing custom APIs located on-premises...'. The third result is 'Netezza Performance Server' by IBM, described as 'A high performance petabyte scale fully managed pay-as-you-go cloud data warehouse service running the next generation Netezza...'. 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).

Internet of Things Platform-0s Active [Add tags](#)

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.


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**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

IBM Watson IoT Platform

92172019104179@smartintemz.com
ID: (select org)



Collect data from **Equipment** and make value from it

[Learn More](#)

Cookie Preferences

IBM Watson IoT Platform


92172019104179@smartintemz.com
ID: gdryd1

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

Sort By: [Recently changed](#)

YOKESH
No cards
Owned by you

RISK AND SECURITY OVERVIEW
4 Cards
Owned by you



Boards shared with you

IBM Watson IoT Platform

General Settings

Here you can view 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 connection [documentation](#).

Activate Client Connection State API

Device Type: TestDeviceType

Events

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)

3

4

Upload a CSV file

Preview

Save

Custom Device Management Packages

Device ID

Status

Device Type

Class ID

Date Added

1234

Disconnected

TestDeviceType

Device

Nov 2, 2022 10:34 AM

Identity

Device Information

Recent Events

State

Logs

The recent events table shows the live stream of data that is coming and going from the device.

Event	Value	Format	Last Received
event_1	["temperature":37,"humidity":52]	json	a few seconds ago
event_1	["temperature":45,"humidity":36]	json	a few seconds ago
event_1	["temperature":57,"humidity":18]	json	a few seconds ago
event_1	["temperature":17,"humidity":64]	json	a few seconds ago

1 Simulation running

Create Card

Card type

Select card type

Devices

General Information

Line chart

Bar chart

Donut chart

Value

Gauge

Semaphore

Device Properties

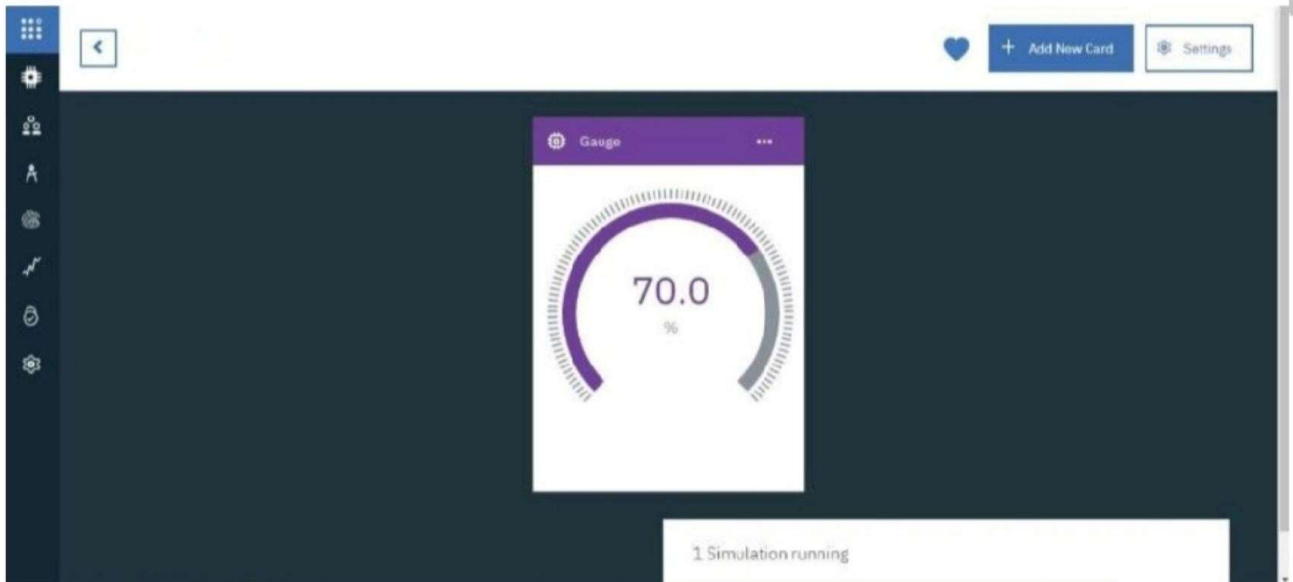
All device instances

Device list

Device info

Device map

Usage



RESULT:

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