

SPRINT-1

Date	29 October 2022
Term Id	PNT2022TMID38557
Project Name	IOT Based Smart Crop Protection System For Agriculture
Maximum Mark	20 Marks

The screenshot displays the IBM Cloud Catalog interface. The browser address bar shows the URL `cloud.ibm.com/catalog?category=iot`. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user account (Tamil arasan's Account). The main content area is titled "Catalog" and features a search bar with the placeholder text "Search the catalog...". Below the search bar, the "Internet of Things" category is selected, and the page displays "Viewing 1 product". The product listed is the "Internet of Things Platform By IBM". The page also includes a sidebar with filters for Type, Provider, and Pricing plan, and a bottom navigation bar with various application icons and system status information.

IBM Cloud

Search resources and products...

Catalog Manage Tamil arasan's Account

Sell on IBM Cloud Catalog settings

Catalog

Search the catalog...

Internet of Things

Alphabetically

Type ①

Provider

Pricing plan ①

Viewing 1 product

Filters: Internet of Things X Clear all

Internet of Things Platform
By IBM

Type here to search

29°C Partly sunny

ENG IN 9:14 PM 11/8/2022

Internet of Things Platform - IBM

cloud.ibm.com/catalog/services/internet-of-things-platform

IBM Cloud

Search resources and products...

Catalog

Manage

Tamil arasan's Account

Category

Internet of Things

Compliance

IAM-enabled

Location

Frankfurt

London

Dallas

Washington DC

Related links

[Docs](#)

[Terms](#)

Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)

Plan	Features	Pricing
Lite	<div>Includes up to 500 registered devices, and a maximum of 200 MB of each data metric</div> <div>Maximum of 500 registered devices</div> <div>Maximum of 500 application bindings</div> <div>Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed</div> <div>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.</div> <div>Lite plan services are deleted after 30 days of inactivity.</div>	Free

Configure your resource

Service name

Internet of Things Platform-ih

Tags

Examples: env:dev, version:1

Select a resource group

Default

Access management tags

Examples: access:dev, proj:version-1

Summary

Internet of Things Platform

Free

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-ih

Resource group: Default

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

[Terms](#)

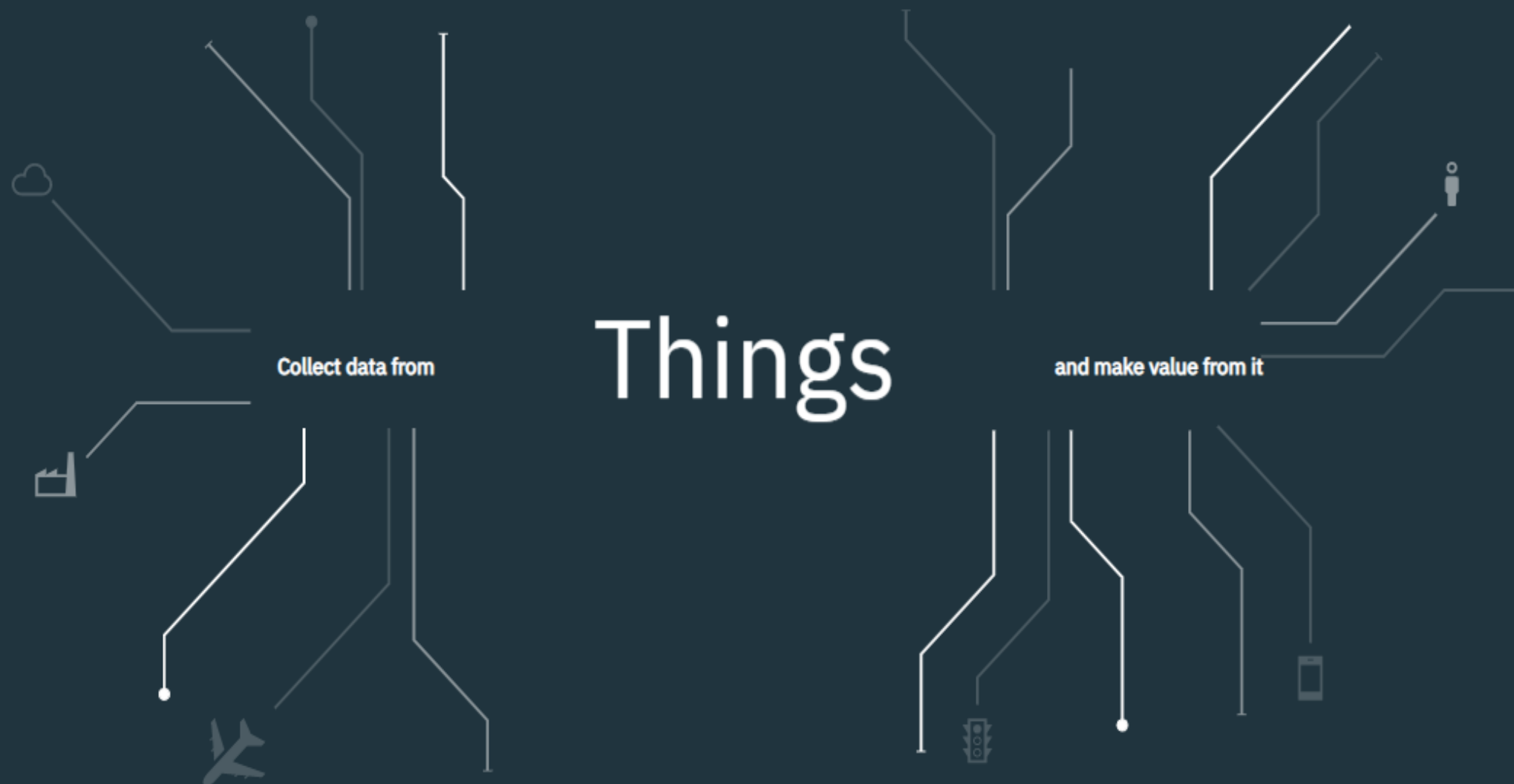
Create

Add to estimate

Windows Taskbar

29°C Partly sunny

9:17 PM 11/8/2022



Learn More

Cookie Preferences



Type here to search



29°C Partly sunny



ENG
IN

9:08 PM
11/8/2022



DEVICE CREDENTIALS INFORMATION:

Service Details - IBM Cloud

IBM Watson IoT Platform

+

gty2md.internetofthings.ibmcloud.com/dashboard/devices/drilldown/PNT2022TMID38557:PNT2022TMID38557?returnTo=/devices/browse

tamilpattu20901@gmail.com
ID: gty2md

IBM Watson IoT Platform

← Back

Device Drilldown - PNT2022TMID38557

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

Connection Information

Basic connection information about this device.

Device ID

PNT2022TMID38557

Device Type

PNT2022TMID38557

Date Added

Nov 8, 2022 9:31 PM

Added By

tamilpattu20901@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

1 Simulation running

Type here to search

30°C Partly sunny

ENG IN

12:43 AM 11/9/2022

IBM Watson IoT Platform

⋮

⚙️

👤

📏

📶

🔒

⚙️

← Back

Device Drilldown - PNT2022TMID38557

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

This table shows a list of data points that are reported

Showing Raw Data | No Interfaces Available

Property	Value
temperature	37
soil moisture	55
humidity	44
sampleobject	

Device Information

View basic device information including location and manufacturer.

Device Type: PNT2022TMID38557

Events 1

New event type +

Event type name

event_1

Send

🗑️

Schedule

1

Every Minute

Payload

Specify the event payload in the editor window or by uploading a [CSV file](#).

```
0 {
1   "temperature": random(0, 100),
2   "soil moisture": random(0, 100),
3   "humidity": random(0, 100),
4   "sampleobject": {
5     "xcoord": 32.514,
6     "ycoord": 151.521
7   }
}
```

Cancel

Save

Edit Device Information

OUTPUT:

The screenshot displays the IBM Watson IoT Platform dashboard. The browser address bar shows the URL: `gty2md.internetofthings.ibmcloud.com/dashboard/devices/browse`. The user is logged in as `tamilpattu20901@gmail.com` with ID `gty2md`. The dashboard has a sidebar with navigation icons and a top navigation bar with tabs: **Browse**, **Action**, **Device Types**, and **Interfaces**. A blue **Add Device +** button is located in the top right corner.

The main content area shows the details for a device, with tabs for **Identity**, **Device Information**, **Recent Events** (selected), **State**, and **Logs**. A message states: "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":95,"soil moisture":2,"humidity":1...	json	a few seconds ago
event_1	{"temperature":34,"soil moisture":68,"humidity":...	json	a few seconds ago
event_1	{"temperature":8,"soil moisture":58,"humidity":9...	json	a few seconds ago
event_1	{"temperature":26,"soil moisture":7,"humidity":7...	json	a few seconds ago
event_1	{"temperature":39,"soil moisture":66,"humidity":...	json	a few seconds ago

A notification box at the bottom right indicates: **1 Simulation running**.

The Windows taskbar at the bottom shows the search bar, system tray with weather (30°C Partly sunny), and the time (10:12 PM 11/8/2022).