

Sprint 2

Date	16 November 2022
TEAM ID	PNT2022TMID11029
Project Name	IoT Based smart crop Protection system for agriculture
Maximum mark	20 marks

The screenshot shows the IBM Cloud Catalog interface. At the top, there's a search bar labeled "Search resources and products..." and navigation links for "Catalog" and "Manage". Below the header, a dark-themed illustration depicts a person interacting with various IoT components like sensors and a cloud icon.

The main area is titled "Catalog" and features a search bar "Search the catalog...". A filter bar at the top of the list shows "Internet of Things" selected. The results are displayed under the heading "Internet of Things".

Filter options on the left include:

- Type**: All (selected), Services, Software, Professional services.
- Provider**: IBM (1) (selected).
- Pricing plan**: Lite, Free.

The single result listed is the "Internet of Things Platform" by IBM. The description states: "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." It also indicates "Lite • Free • IAM-enabled • IBM supported".

← → C 🔒 cloud.ibm.com/catalog/services/internet-of-things-platform

IBM Cloud Search resources and products... Catalog Manage

your apps can access their live and historical data.

Create About

Type Service

Provider IBM

Last updated 08/15/2022

Category Internet of Things

Compliance IAM-enabled

Location Frankfurt London Dallas Washington DC

Related links Docs Terms

Select a location

Frankfurt (eu-de)

Select a pricing plan

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

Plan	Features	Pricing
Lite	<p>Includes up to 500 registered devices, and a maximum of 200 MB of each data metric</p> <p>Maximum of 500 registered devices</p> <p>Maximum of 500 application bindings</p> <p>Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed</p>	Free

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.

Lite plan services are deleted after 30 days of inactivity.

Summary

Internet of Things Platform Free

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-av

Resource group: Default

Existing Lite plan instance

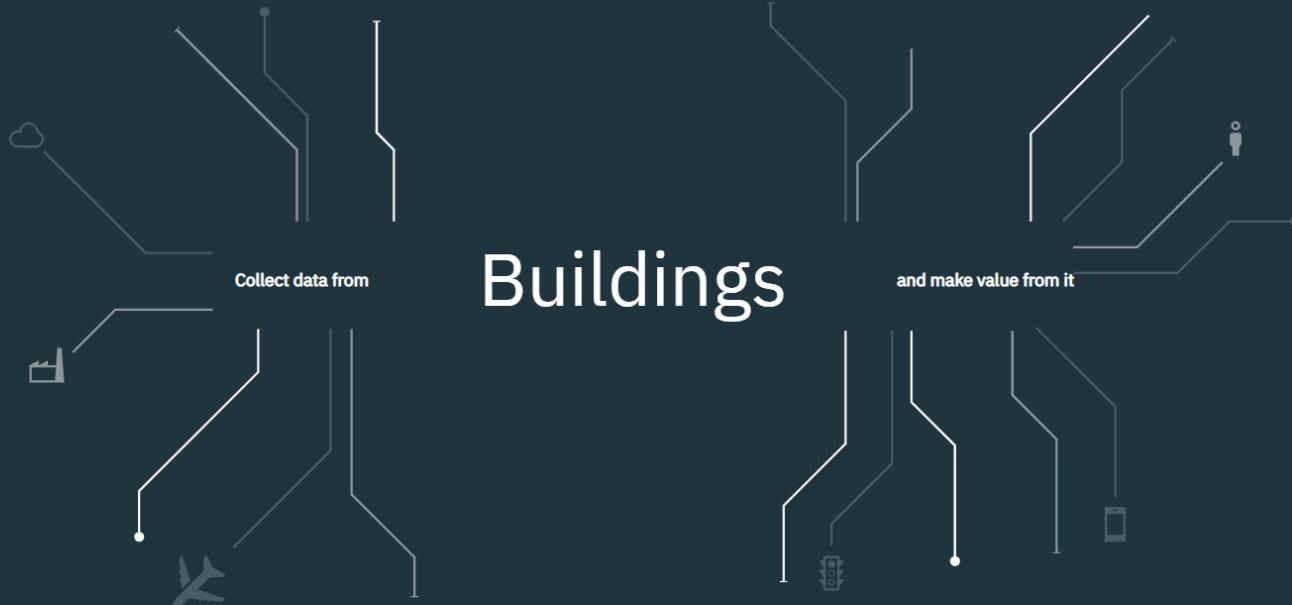
You can have only 1 Lite plan instance of this service per resource group. [Delete](#) your current Lite plan instance in Default resource group to create a new one, or [view the existing instance](#).

I have read and agree to the following license agreements:

[Terms](#)

Create Add to estimate

This screenshot shows the IBM Cloud catalog interface for creating an Internet of Things Platform instance. The left sidebar displays service details like provider (IBM), category (Internet of Things), and compliance (IAM-enabled). The main area shows a location dropdown set to 'Frankfurt (eu-de)' and a pricing plan table with one row for 'Lite'. The 'Lite' plan is highlighted with a checkmark. A modal window on the right provides a note about existing Lite plan instances, stating that only one can exist per resource group and offering options to delete or view existing ones. At the bottom, there are checkboxes for accepting terms and conditions, and buttons for 'Create' and 'Add to estimate'.

[Learn More](#)[Cookie Preferences](#)

Device credentials information

IBM Watson IoT Platform

ID: t29714

Device Drilldown - 12345

Device Credentials

- Connection Information
- Recent Events
- State
- Device Information
- Metadata
- Diagnostics
- Connection Logs
- Device Actions

Connection Information

Basic connection information about this device.

Device ID	12345
Device Type	nodeMCU
Date Added	Nov 11, 2022 10:45 AM
Added By	sec19ec029@sairamtap.edu.in
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	Format	Last Received
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IBM Watson IoT Platform

sec19ec029@sairamtap.edu.in ID: t29714

Browse Action Device Types Interfaces Add Device +

Search by Device ID Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	nodeMCU	Device	Nov 11, 2022 10:45 AM	...

Identity Device Information Recent Events State Logs

Device ID: 12345
Device Type: nodeMCU
Date Added: Nov 11, 2022 10:45 AM
Added By: sec19ec029@sairamtap.edu.in
Connection Status: Disconnected

Items per page: 50 | 1–1 of 1 item

1 of 1 page | < | 1 | >

Browse Action Device Types Interfaces Add Device +

12345 Connected NODEMCU1 Device May 27, 2020 10:17 PM → ...

Identity Device Information Recent Events State Logs X

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
iotsensor	{"d": {"name": "12345", "temperature": 18, "humidi...}}	json	a few seconds ago
iotsensor	{"d": {"name": "12345", "temperature": 18, "humidi...}}	json	a few seconds ago
iotsensor	{"d": {"name": "12345", "temperature": 18, "humidi...}}	json	a few seconds ago
iotsensor	{"d": {"name": "12345", "temperature": 18, "humidi...}}	json	a few seconds ago
iotsensor	{"d": {"name": "12345", "temperature": 18, "humidi...}}	json	a few seconds ago