

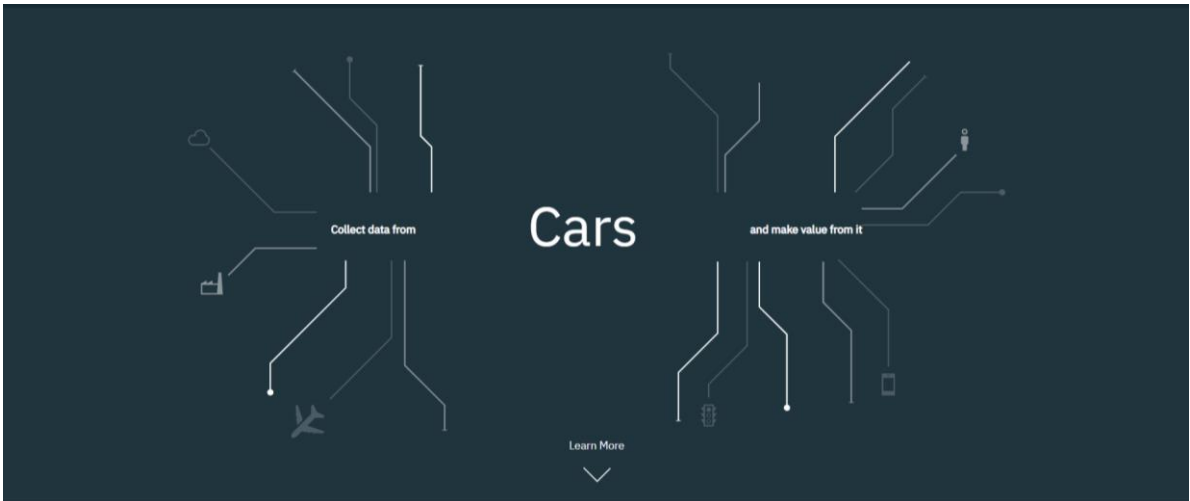
SPRINT-1

Team ID	PNT2022TMID05121
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 with 'iot' entered. Below the search bar, a dropdown menu shows 'Cloudant' and 'Internet of Things Platform'. The main content area displays a grid of product cards. The first card is 'Analytics Engine' by IBM, described as a service for submitting Apache Spark applications. The second card is 'AnonTech Viz/Vault Platform' by Anon Technology, Inc., for managing personal information. The third card is 'API Connect' by IBM, an enterprise-grade platform for creating and securing APIs. A sidebar on the left lists various categories like Compute, Containers, Networking, Storage, AI / Machine Learning, Analytics, Blockchain, and Databases.

The screenshot shows the IBM Cloud pricing page for the 'Internet of Things Platform'. The page is titled 'Select a pricing plan' and includes a table with columns for Plan, Features, and Pricing. The 'Lite' plan is selected, showing features like up to 500 registered devices and 200 MB of data metric. The pricing is listed as 'Free'. Below the table, there's a section for 'Configure your resource' with fields for Service name (Internet of Things Platform-6u), Tags, and Access management tags. On the right, a 'Summary' panel shows the plan details and a 'Create' button.

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



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← Back

Device Drilldown - 12345

Device Credentials

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

Device Credentials

You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.

Organization ID	9pxaas
Device Type	resbeerypi
Device ID	12345
Authentication Method	use-token-auth
Authentication Token	12345678

⚠ Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.

[Find out how to add these credentials to your device](#)

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Browse Action Device Types Interfaces Add Device

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	resbeerypi	Device	Nov 18, 2022 9:32 AM	

Identity Device Information Recent Events State Logs

Device ID	12345
Device Type	resbeerypi
Date Added	Nov 18, 2022 9:32 AM
Added By	suria200217@psnacet.edu.in
Connection Status	Disconnected

Items per page 50 | 1-1 of 1 item 1 of 1 page

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surfya200217@psnacet.edu.in

ID: 9pxaas

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Browse

Action

Device Types

Interfaces

Device ID

Status

Device Type

Class ID

Date

12345

Disconnected

resbeerypi

Device

Nov

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	{"randomNumber":80}	json	a few seconds ago
event_1	{"randomNumber":47}	json	a few seconds ago
event_1	{"randomNumber":81}	json	a few seconds ago
event_1	{"randomNumber":72}	json	a few seconds ago

Items per page 50 | 1-1 of 1 item

Device Type: resbeerypi

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 "randomNumber": random(0, 100)

2 }

3

Upload a CSV file

What functions can I apply?

Cancel

Save

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surfya200217@psnacet.edu.in

ID: 9pxaas

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Browse

Action

Device Types

Interfaces

Device ID

Status

Device Type

Class ID

Date Added

Describe Location

12345

Disconnected

resbeerypi

Device

Nov 18, 2022 9:32 AM

→ ...

Identity

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Items per page 50 | 1-1 of 1 item

1 Simulation running