

# **Smart Farmer-IOT Enabled Smart Farming Application**

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**Create and Configure IBM services**

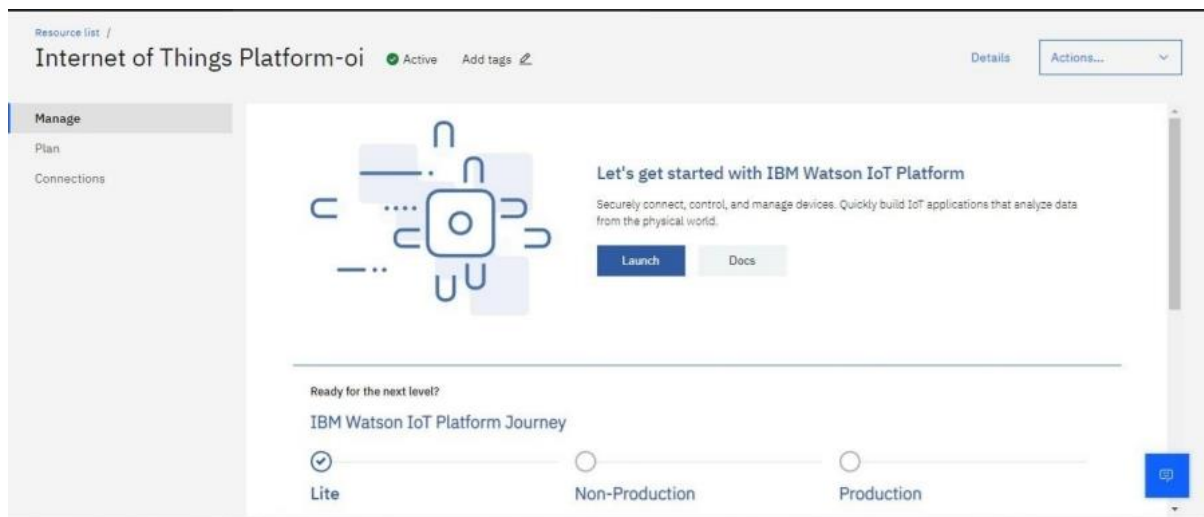
**Step1: Log in your registered id.**

**Step 2: click catalog where you find the services and internet of thing you can select and make location as London**

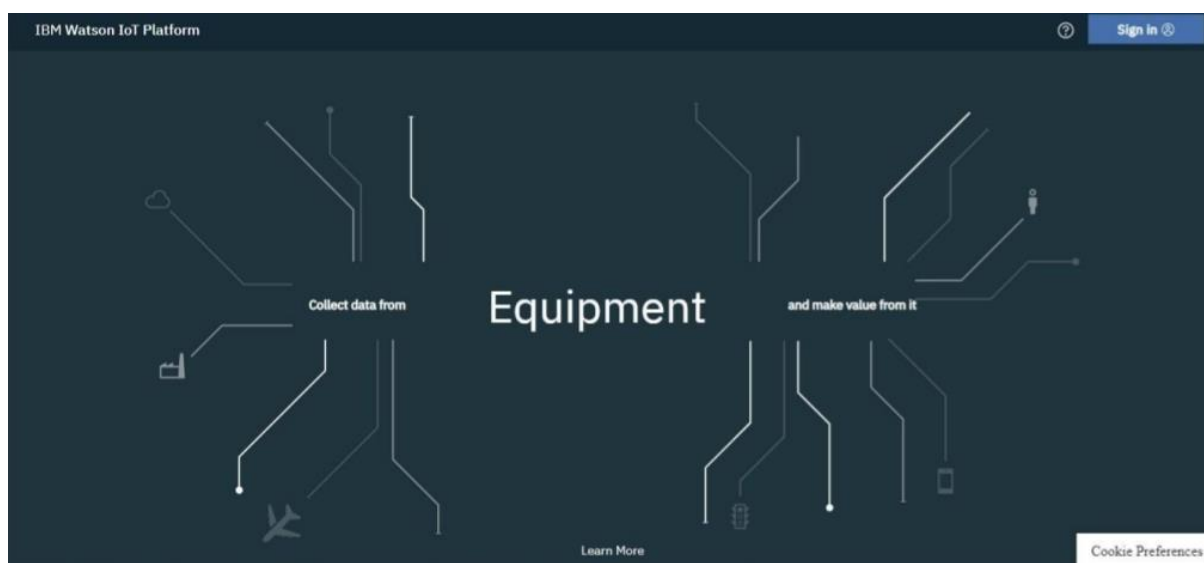
The screenshot shows the IBM Internet of Things Platform service catalog page. The page is titled "Internet of Things Platform" and includes a description: "This service is the hub of all things IBM IoT, it is where you can set up and manage your connected devices so that your apps can access their live and historical data." The page has a "Create" tab selected and an "About" tab. On the left sidebar, there are sections for "Type Service", "Provider IBM", "Last updated 08/15/2022", "Category Internet of Things", "Compliance IAM-enabled", "Location Frankfurt London Dallas Washington DC", and "Related links Docs Terms". The main content area has a "Select a location" dropdown menu with "Frankfurt (eu-de)" selected. Below this is a "Select a pricing plan" section with a table of plans. The table has columns for "Plan", "Features", and "Pricing". The "Lite" plan is selected, showing features like "Includes up to 500 registered devices, and a maximum of 200 MB of each data sample" and "Maximum of 500 registered devices". The pricing is "Free". On the right sidebar, there is a "Summary" section with details: "Internet of Things Platform", "Free", "Location: Frankfurt", "Plan: Lite", "Service name: Internet of Things Platform-v1", and "Resource group: Default". At the bottom right, there is a checkbox for "I have read and agree to the following license agreements:" with a link to "Terms" and buttons for "Create" and "Add to estimate".

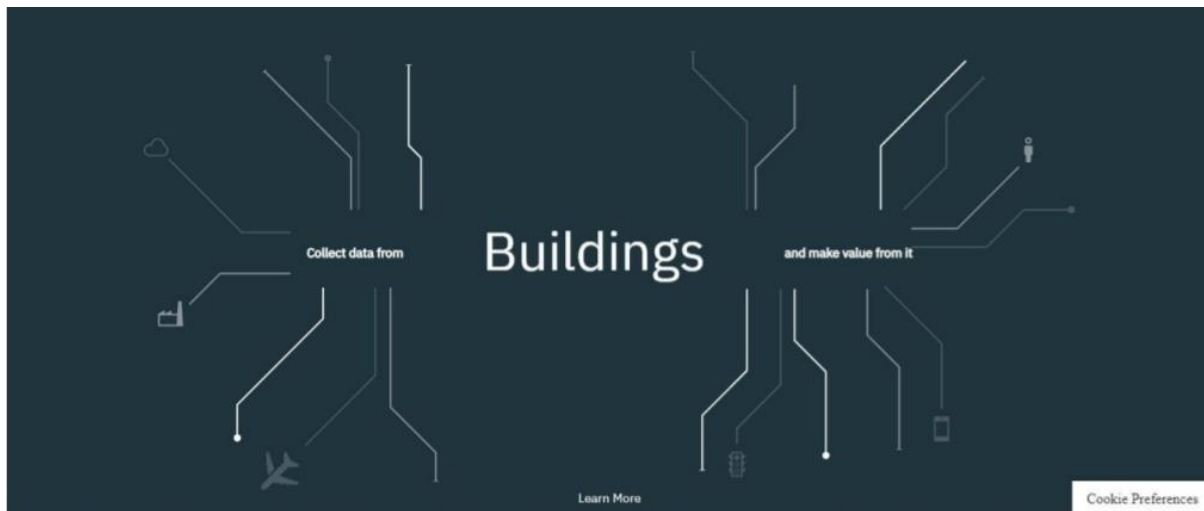
| Plan | Features  | Pricing |
|------|---|---------|
| Lite | Includes up to 500 registered devices, and a maximum of 200 MB of each data sample<br>Maximum of 500 registered devices<br>Maximum of 500 application bindings<br>Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed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

**Step 3: click create and the launch tab get open, then click launch**



**Step 4: It redirect you to IBM WATSON platform where you need to click sign in**





**Step 6: where you find this tab which is used to add device, app, member, usage, and security can be worked**

Browse Action Device Types Interfaces Add Device

All Devices Diagnose

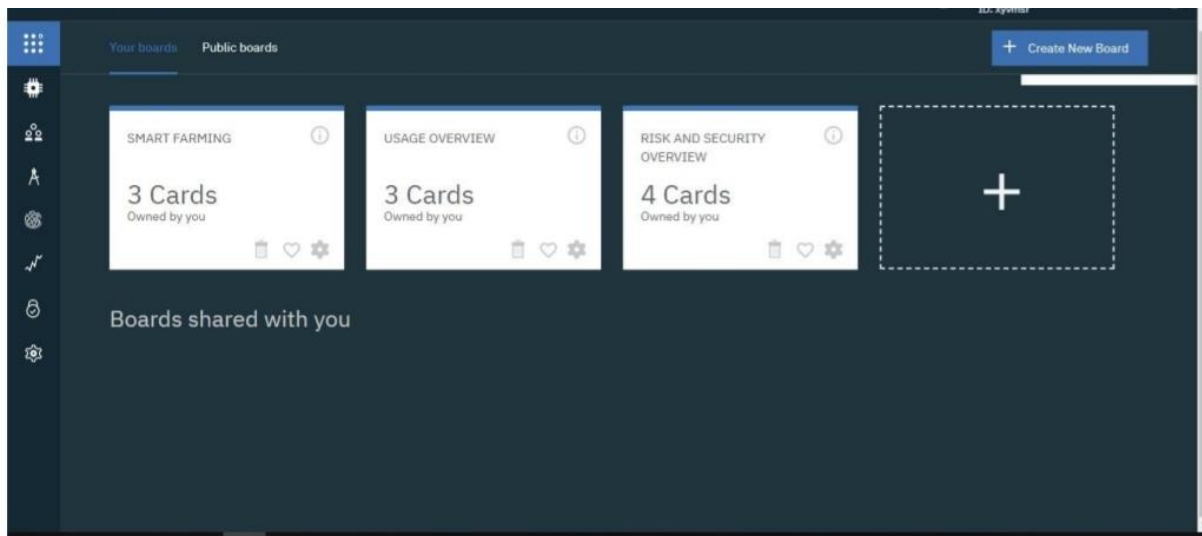
This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID Device Simulator

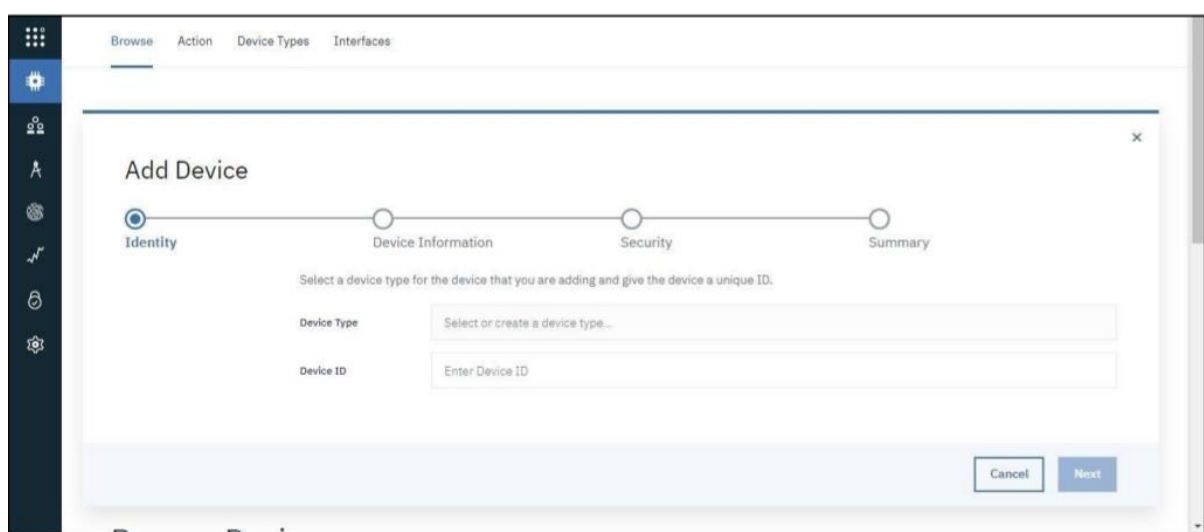
| <input type="checkbox"/>   | Device ID | Status       | Device Type | Class ID | Date Added           |       |
|----------------------------|-----------|--------------|-------------|----------|----------------------|-------|
| > <input type="checkbox"/> | 12        | Disconnected | abcd        | Device   | Oct 12, 2022 6:49 PM | → ... |
| > <input type="checkbox"/> | 1234      | Disconnected | abcd        | Device   | Oct 12, 2022 6:30 PM |       |

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**Step 7: check boards for risk and security overview card, it uses for graphical representation boards**



**Step 8: after clicking create a new device / add device you can choose an device type and device id and complete the following information to create a device**



# Step 9: created a device of NodeMCU

