

CREATE IBM WATSON IOT PLATFORM AND DEVICE

AIM:

To create the IBM Watson IoT platform and device

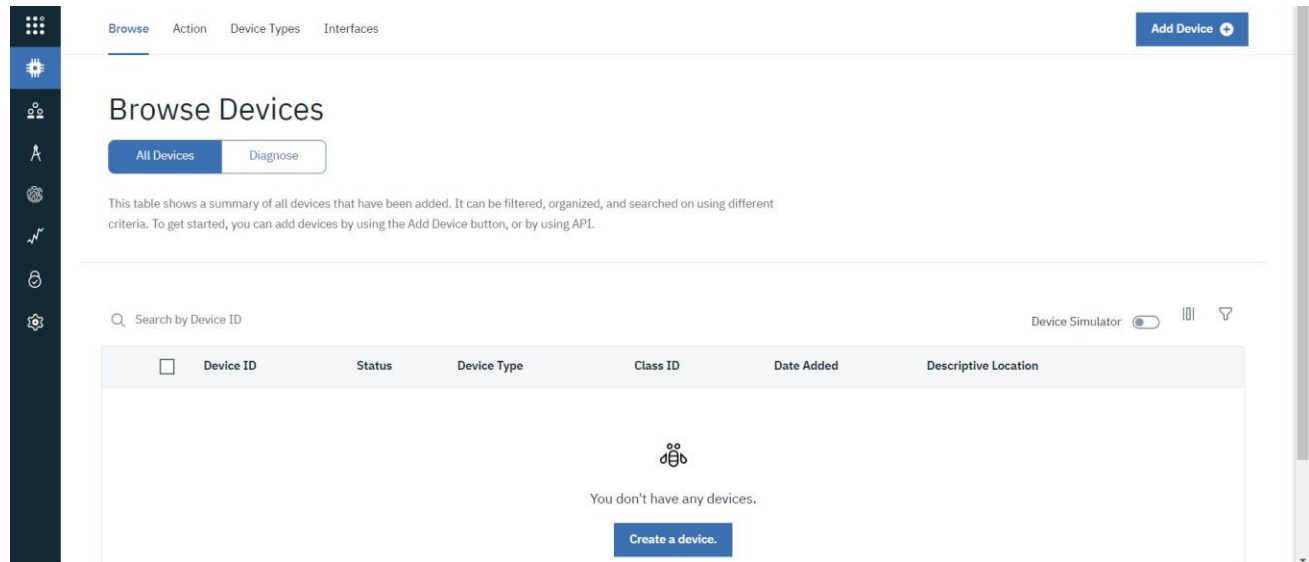
STEPS:

- First create an IBM cloud account with IBMid and password.
- Home page of IBM cloud.
- Click on the catalog on the top.
- Click on IoT in the category mentioned.
- If already a lite is present delete it else u can't create another.
- Enter the location and in the configure your resource type the service name and choose the plan, tick the agree with agreements and then click on create.
- Internet of Things Platform Child safety will be created, where there are different options like manage, plan, and connection (manage is for launch, Plan gives us the idea about the payment package and its upgrades, and lastly the connection is for to connect IoT with other services)

The screenshot shows the IBM Cloud Catalog interface for the 'Internet of Things Platform'. The page is divided into several sections:

- Header:** Includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and a user profile.
- Left Sidebar:** Contains metadata for the service, including Type (Service), Provider (IBM), Last updated (08/15/2022), Category (Internet of Things), Compliance (IAM-enabled), and Location (Frankfurt, London, Dallas, Washington DC). It also has a 'Related links' section with a 'Docs' link.
- Main Content Area:**
 - Internet of Things Platform:** A heading with a brief 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.'
 - Buttons:** 'Create' and 'About' buttons are visible.
 - Select a location:** A dropdown menu is set to 'Frankfurt (eu-de)'.
 - Select a pricing plan:** A section with a note: 'Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)'.
 - Table:** A table with columns 'Plan', 'Features', and 'Pricing'. The 'Lite' plan is highlighted, showing features like 'Includes up to 500 registered devices, and a maximum of 200 MB of each data metric' and a pricing of 'Free'.
- Right Sidebar:**
 - Summary:** A section titled 'Internet of Things Platform' with details: 'Location: Frankfurt', 'Plan: Lite', and 'Service name: Internet of Things Platform-dr'.
 - License Agreement:** A checkbox labeled 'I have read and agree to the following license agreements:' with a 'Terms' link.
 - Buttons:** 'Create' and 'Add to estimate' buttons are at the bottom.

- After Clicking the Launch Button select the Devices option and click on adddevice and complete the Device Setup.



- Clicking on the device tab we can now see the added device. Clicking on it will display the other details. It has different tabs like Identity, Device Information, State and login.
- In a similar way, we can create n number of devices with a 50 per page limit as per the requirement of our project.
- The Boards will display card for the project.

RESULT:

Thus an IBM Watson cloud for IoT and a device has been created