

CREATE IBM WATSON IOT PLATFORM AND DEVICE

AIM:

To create the IBM Watson IoT platform and device

STEPS:

1. First create an IBM cloud account with IBM-id and password.
2. Home page of IBM cloud.
3. Click on the catalogue on the top.
4. Click on IoT in the category mentioned.
5. If already a lite is present delete it else u can't create another.
6. 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.
7. 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).
8. After Clicking the Launch Button select the Devices option and click on add device and complete the Device Setup.

The screenshot displays the IBM Watson IoT Platform interface. At the top, the header shows 'IBM Watson IoT Platform' and the user's email 'aravinddhoni0718vj@gmail.com' with the ID 'xeybbr'. Below the header, there are tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons for navigation. The main content area shows a table of devices with columns: Device ID, Status, Device Type, Class ID, and Date Added. One device is listed with ID '12345', status 'Disconnected', and type 'NodeMCU'. Below the table, a detailed view of the selected device is shown, including fields for Device ID, Device Type, Date Added, Added By, and Connection Status. The bottom of the interface shows pagination information: 'Items per page 50' and '1 of 1 page'.

Device ID	Status	Device Type	Class ID	Date Added
12345	Disconnected	NodeMCU	Device	Nov 16, 2022 11:03 AM

Identity	Device Information	Recent Events	State	Logs
Device ID	12345			
Device Type	NodeMCU			
Date Added	Nov 16, 2022 11:03 AM			
Added By	aravinddhoni0718vj@gmail.com			
Connection Status	Disconnected			

9. 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.

10. In a similar way, we can create n number of devices with a 50 per page limit as per the requirement of our project.

11. The Boards will display card for the project.

RESULT:

An IBM Watson cloud for IoT and a device is created