**Create And Configure IBM Cloud Services**

**Create IBM Watson IoT Platform And Device**

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| --- | --- |
| Date | 27 August 2022 |
| Team ID | PNT2022TMID18337 |
| Project Name | Project - IoT Based Safety Gadget for Child Safety Monitoring and Notification |

STEPS:

1.create an IBM cloud account with the individual IBM id and password

A computer screen capture

Description automatically generated with low confidence

2.Home page of IBM cloud

Graphical user interface, website

Description automatically generated

3.Click on the catalog on the top

Graphical user interface, application, Teams

Description automatically generated

4.Click on IoT in the category mentioned

Graphical user interface, text, application

Description automatically generated

5.If already a lite is present delete it else u can’t create anotherA screenshot of a computer

Description automatically generated with medium confidence

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

Graphical user interface, application, Teams

Description automatically generated

7.click create

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application, Teams

Description automatically generated8.Internet of Things Platform Child safety will be created, where there are different options like manage, plan, and connection

9.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

A screenshot of a computer

Description automatically generated with medium confidence

10.Click on the launch button in the manage tab, it will open to this

Diagram

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11.Enter the details to sign in to the Watson Cloud to create a device

Graphical user interface, application

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12.Once logged in the name will be displayed and it goes back to the first page

Diagram

Description automatically generated

13.And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display of details of the devices.

Graphical user interface, application

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14. The setting tab is used to change the general setting if needed for the project.

Graphical user interface, application, Teams

Description automatically generated

15. In the security tab we can choose the type of security connection and can change according to specification

Graphical user interface, application, Teams

Description automatically generated

16.Usage gives the summary of how many bytes are used between the devices and the IBM cloud

Graphical user interface, application, Teams

Description automatically generated

17.The member tab is add the teams members to work in the platform

Graphical user interface, application

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18.This tab is used when you want to connect to some other platform and to integrate with other services.

Graphical user interface, application, email

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19.Click on the device tab and click on the add device button, then give the device type and device id and click next

Graphical user interface, application, Teams

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Graphical user interface, application, Teams

Description automatically generated

20.This page to enter extra details and of the hardware

Graphical user interface, application

Description automatically generated

21.Clicking next it goes to the security where we do authentication token id.

Graphical user interface, text, application, email

Description automatically generated

22.Clicking on next it goes to the summary of the device then click finish

Graphical user interface, text, application

Description automatically generated

23.The device credentials will be displayed with all the details

24.Safe the details of the device as the authentication tokens are non-recoverable and if misplaced then we have to create a new one.

25.Clicking on the device tab we can now see the added device. Clickingon it will display the other details. It has different tabs like Identity, Device Information, State and login.

27.In a similar way, we can create n number of devices with a 50 per page limit as

per the requirement of our project

26.The Boards will display card for the project.

Graphical user interface, application

Description automatically generated

**Conclusion:**

An IBM Watson cloud for IoT and a device is created