

Sprint - 1

Date	11 November 2022
Team ID	PNT2022TMID53789
Project Name	SMART WASTE MANAGEMENT SYSTEM
Maximum Marks	20 marks

US - 1 : Create the IBM Cloud services which are being used in this project.

The screenshot shows the IBM Cloud dashboard interface. At the top, there's a navigation bar with the IBM Cloud logo, a search icon, and links to 'Catalog', 'Manage', and 'Varshetha I's Account'. Below the navigation bar, the main content area is titled 'Dashboard'. On the right side of the dashboard, there's a blue button labeled 'Create resource'. The dashboard features a 'For you' section with several service cards. The first card is 'Build', which is highlighted in blue and purple, and contains the text 'Explore IBM Cloud with this selection of easy starter tutorials and services.' The other cards include 'Set up your IBM Cloud account' (10 min), 'Get Started with Watson Studio' (2 hr), 'Use Knowledge Studio' (1 min), and 'Build a Watson interface' (1 min). Each card has a 'Getting started' button. The bottom of the dashboard shows a 'vm' icon and a 'Get' button.

IBM Cloud

Dashboard

Create resource

For you

Select an option

Build
Explore IBM Cloud with this selection of easy starter tutorials and services.

Set up your IBM Cloud account
Learn how to set up your IBM Cloud account, manage your account settings, organize resources, and control access to those resources.
Getting started 10 min

Get Started with Watson Studio
Get started with using AI and Cloud Object Storage in 15 minutes.
Popular 2 hr

Use Knowledge Studio
Use custom machine learning models to identify entities and relationships that are unique to your industry in unstructured text.
Recommended 1 min

Build a Watson interface
Deploy a Watson interface to your application.
Get 1 min

US - 2 : Configure the IBM Cloud services which are being used in completing this project.

IBM Cloud

Resource list

Create resource +

Name	Group	Location	Product	Status	Tags
ibm watson	Filter by group or c	Filter	Filter...	Filter...	Filter..
^ Compute (0)					
^ Containers (0)					
^ Networking (0)					
^ Storage (0)					
^ AI / Machine Learning (0)					
^ Analytics (0)					
^ Blockchain (0)					

US - 3 : IBM Watson IoT platform acts as the mediator to connect the web application to IoT devices, so create the IBM Watson IoT platform.

IBM EPBL/IBM-Project-2905 Download file | iLovePDF Service Details - IBM Cloud

cloud.ibm.com/services/iotf-service/crn%3Av1%3Abluemix%3Apublic%3Aiotf-service%3Aeu-gb%3Aa%2F427de6b5519e4d52a...

Gmail Maps YouTube Translate Tower pd-sample-resume... PolicyBazaar Two W... [PDF] Design and A... (7) 52 Physical Desi...

IBM Cloud Catalog Manage Varshetha I's Account

Resource list /

Internet of Things Platform-g4

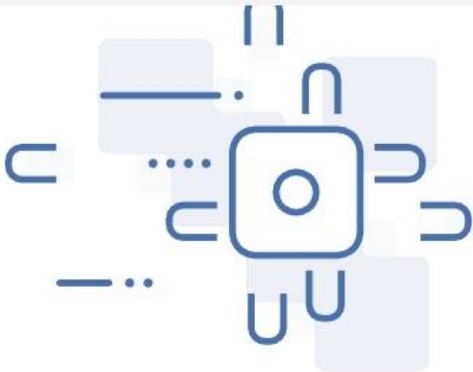
Active Add tags

Details Actions...

Manage

Plan

Connections



Let's get started with IBM Watson IoT Platform

Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.

Launch Docs

Ready for the next level?

IBM Watson IoT Platform Journey

Chat icon

US - 4 : In order to connect the IoT device to the IBM cloud, create a device in the IBM Watson IoT platform and get the device credentials

The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes the IBM logo and several open tabs: IBM-EPBL/, Download, Service De..., IBM Watso, IBM Cloud, and IBM Watso. The address bar shows the URL: s8oy2b.internetofthings.ibmcloud.com/dashboard/devices/browse. Below the address bar, there are links to Gmail, Maps, YouTube, Translate, Tower, pd-sample-resume..., PolicyBazaar Two W..., [PDF] Design and A..., and (7) 52 Physical Desi....

The main header of the dashboard is "IBM Watson IoT Platform" with a user profile icon and the email ivarshetha19ec@srishakthi.ac.in and ID: s8oy2b. The left sidebar contains icons for various functions: a grid of dots, a gear, a person, a magnifying glass, a fingerprint, a lightning bolt, a lock, and a settings gear.

The main content area has tabs for "Browse", "Action", "Device Types", and "Interfaces". A blue "Add Device +" button is located in the top right corner. Below the tabs, there is a table with the following columns: Device ID, Status, Device Type, and Class ID. The table contains one row for the device PNT2022TMID53789, which is in a "Disconnected" state. To the right of the table, there is a dropdown menu with options: Identity, Device Information, Recent Events, State, and Logs. The "Identity" option is selected, and a detailed view of the device is shown below the table.

Device ID	Status	Device Type	Class ID
PNT2022TMID53789	Disconnected	PNT2022TMID53789	Device

Identity	Device Information	Recent Events	State	Logs
Device ID	PNT2022TMID53789			
Device Type	PNT2022TMID53789			
Date Added	Nov 11, 2022 12:58 PM			
Added By	ivarshetha19ec@srishakthi.ac.in			
Connection Status	Disconnected			

IBM x IBM-E x Down x Servic x IBM V x IBM V x IBM C x IBM V x New x +

s8oy2b.internetofthings.ibmcloud.com/dashboard/devices/browse

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IBM Watson IoT Platform

ivarshetha19ec@srishakthi.ac.in
ID: s8oy2b

Browse

Action

Device Types

Interfaces

Add Device

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
>	PNT2022TMID53789	Disconnected	PNT2022TMID53789	Device

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