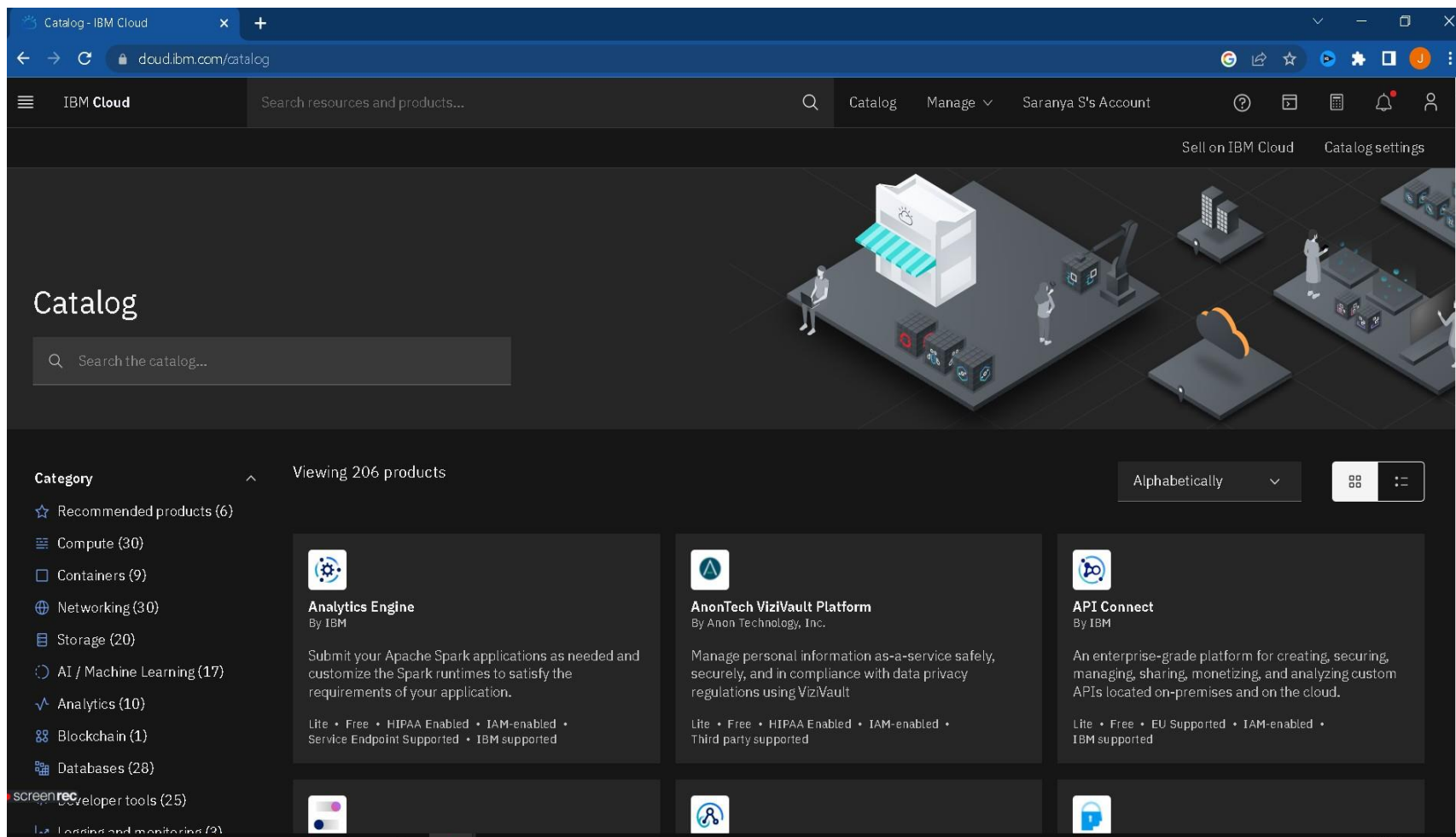


Sprint 1

Date	18 November 2022
Team id	PNT2022TMID24432
Project Name	IoT Based smart crop Protection system for agriculture
Maximum mark	20 marks

Step 1: Create IBM cloud



Step 2: Creation

Cloud Object Storage - IBM Cloud

Search resources and products...

Catalog Manage Saranya S's Account

Only one Lite plan instance is allowed per account. The Lite plan instance includes up to 25 GB of storage capacity; 2,000 Class A (PUT, COPY, POST, and LIST) requests; 20,000 Class B (GET and all others) requests; 10 GB of data retrieval; 5GB of egress (public outbound bandwidth) each month. These thresholds apply to the aggregate total across all storage class buckets. Lite plan services are deleted after 30 days of inactivity.

Standard Standard plan is our most popular Pay-as-You-Go pricing plan. There is no minimum fee. This plan meets the requirements of most of the enterprise workloads. [View storage class pricing](#)

One Rate One Rate plan offers a flat monthly charge that includes capacity, and built-in allowances for outbound bandwidth and data access. It is best suited for active workloads with large amounts of outbound bandwidth as a percent of their storage capacity. [View storage class pricing](#)

Configure your resource

Service name: Cloud Object Storage-sk

Select a resource group: Default

Tags: Examples: env:dev, version-1

Summary

Cloud Object Storage **Free**

Region: Global

Plan: Life

Service name: Cloud Object Storage-sk

Resource group: Default

Creating...

Add to estimate

View terms

Waiting for cloud.ibm.com...

10:27 07-11-2022

Step 3: Creating IBM Watson iot platform

The screenshot displays the IBM Watson IoT Platform dashboard. The browser address bar shows the URL `gtlwge.internetofthingsibmdoud.com/dashboard/boards`. The page title is "IBM Watson IoT Platform". The user is logged in as `731619106037@smartinternz.com` with ID `gtlwge`. The dashboard is divided into two tabs: "Your boards" (active) and "Public boards". A "+ Create New Board" button is located in the top right. The "Your boards" section shows two boards: "USAGE OVERVIEW" (3 Cards, Owned by you) and "RISK AND SECURITY OVERVIEW" (4 Cards, Owned by you). A dashed box with a large "+" sign indicates a new board can be created. The bottom status bar shows "0 Simulations running".

IBM Watson IoT Platform

731619106037@smartinternz.com
ID: gtlwge

+ Create New Board

Your boards

Sort By Recently changed


USAGE OVERVIEW (3 Cards, Owned by you)

RISK AND SECURITY OVERVIEW (4 Cards, Owned by you)

Boards shared with you

0 Simulations running

Step 4: Device credentials information



The screenshot shows a web interface for a device. The title is 'Device Drilldown - 12345'. On the left is a sidebar with a list of menu items: 'Device Credentials' (highlighted), 'Connection Information', 'Recent Events', 'State', 'Device Information', 'Metadata', 'Diagnostics', 'Connection Logs', and 'Device Actions'. The main content area is titled 'Device Credentials' and contains a paragraph: 'You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate connection and event details.' Below this is a table with the following data:

Organization ID	gtlwge
Device Type	NodeMCU
Device ID	12345
Authentication Method	use-token-auth
Authentication Token	12345678

Below the table is a warning icon (exclamation mark in a triangle) followed by the text: 'Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.' At the bottom, there is a link: 'Find out how to add these credentials to your device' with an external link icon.

Step 5: Device added in IBM Watson IoT platform

The screenshot displays the IBM Watson IoT Platform dashboard. The top navigation bar includes the platform name, a user profile, and an 'Add Device' button. The main content area features a search bar and a table of devices. The first device, 'sbhavya78', is highlighted, and its details are shown in a sidebar. The details include the device ID, type, date added, user, and connection status. A second device, 'simulator_sensor_1', is partially visible at the bottom.

IBM Watson IoT Platform

731619106037@smartinternz.com
ID: gtlwge

Browse Action Device Types Interfaces

Add Device +

Search by Device ID

Device Simulator ☒

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
<input checked="" type="checkbox"/>	sbhavya78	Disconnected	simulator_sensor	Device	Nov 9, 2022 11:12 PM	→ ...

Identity Device Information Recent Events State Logs

Device ID sbhavya78

Device Type simulator_sensor

Date Added Nov 9, 2022 11:12 PM

Added By 731619106037@smartinternz.com

Connection Status Disconnected

> ☐ simulator_sensor_1 Disconnected simulator_sensor Device

0 Simulations running