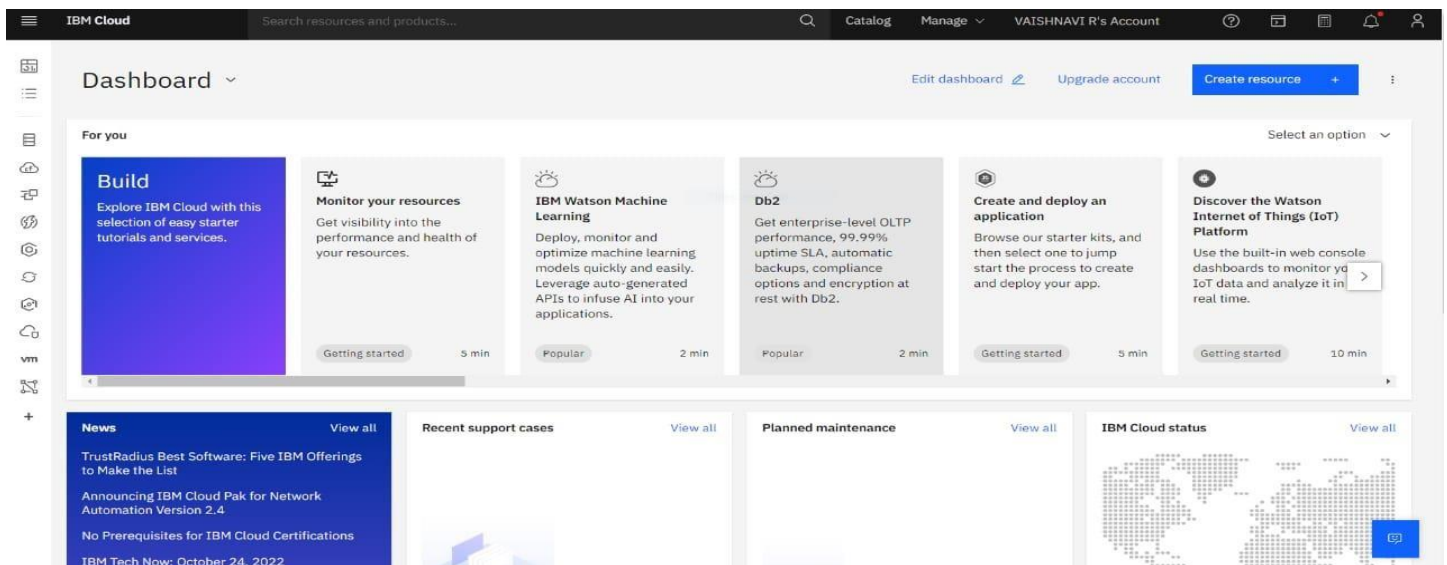


| | |
|--------------|--|
| Date | 4 November 2022 |
| Team ID | PNT2022TMID20623 |
| Project Name | PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF-RELIANT |

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



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

The screenshot displays the IBM Cloud console's 'Resource list' page. At the top, a dark header bar contains the 'IBM Cloud' logo, a search bar with the placeholder 'Search resources and products...', and navigation links for 'Catalog', 'Manage', and the user account 'VAISHNAVI R's Account'. Below the header, a left-hand sidebar features a vertical menu of icons representing various cloud services. The main content area is titled 'Resource list' and includes a 'Create resource' button in the top right corner. A table with columns for Name, Group, Location, Product, Status, and Tags is present. The 'Name' column has a search filter, and the 'Group' column has a dropdown filter. The table lists several resource categories, each with a count in parentheses: Compute (0), Containers (0), Networking (0), Storage (0), AI / Machine Learning (0), Analytics (0), Blockchain (0), Databases (1+), Developer tools (1+), Logging and monitoring (0), Migration (0), and Integration (0+). A blue button with a plus icon is located at the bottom right of the table.

| Name | Group | Location | Product | Status | Tags |
|---------------------------------|---------------------------|-----------|-----------|-----------|-----------|
| Filter by name or IP address... | Filter by group or org... | Filter... | Filter... | Filter... | Filter... |
| Compute (0) | | | | | |
| Containers (0) | | | | | |
| Networking (0) | | | | | |
| Storage (0) | | | | | |
| AI / Machine Learning (0) | | | | | |
| Analytics (0) | | | | | |
| Blockchain (0) | | | | | |
| Databases (1+) | | | | | |
| Developer tools (1+) | | | | | |
| Logging and monitoring (0) | | | | | |
| Migration (0) | | | | | |
| Integration (0+) | | | | | |

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

The screenshot displays the IBM Cloud console interface for the 'Internet of Things Platform-ac' resource. The top navigation bar includes the IBM Cloud logo, a search bar, and user account information for 'VAISHNAVI R's Account'. The left sidebar shows the 'Manage' tab selected, with sub-options for 'Plan' and 'Connections'. The main content area features a large graphic of a central device icon connected to various sensors and data points. Below this, a section titled 'Let's get started with IBM Watson IoT Platform' provides a brief description and links to 'Launch' and 'Docs'. Further down, the 'IBM Watson IoT Platform Journey' section outlines three stages: 'Lite' (development environment), 'Non-Production' (fully-integrated offering), and 'Production' (fully managed SaaS offering). The bottom of the console shows a browser tab for 'sprint1 img3.html' and a 'Show all' button.

IBM Cloud Search resources and products... Catalog Manage VAISHNAVI R's Account

Resource list / Internet of Things Platform-ac 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

✓ Lite

The Lite service plan provides a lightweight development environment to get you started with the connectivity capabilities of Watson IoT Platform.

○ Non-Production

The Non-Production service plan is a full-featured, fully-integrated offering that enables you to explore Watson IoT Platform to see how the service can fit into your IoT environment.

○ Production

The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.

sprint1 img3.html Show all

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.

IBM Watson IoT Platform 910019106048@smartinternz.com ID: 3re60p

Browse Action Device Types Interfaces

Add Device

Identity Device Information Security Summary

Verify that the following information is correct then select Finish

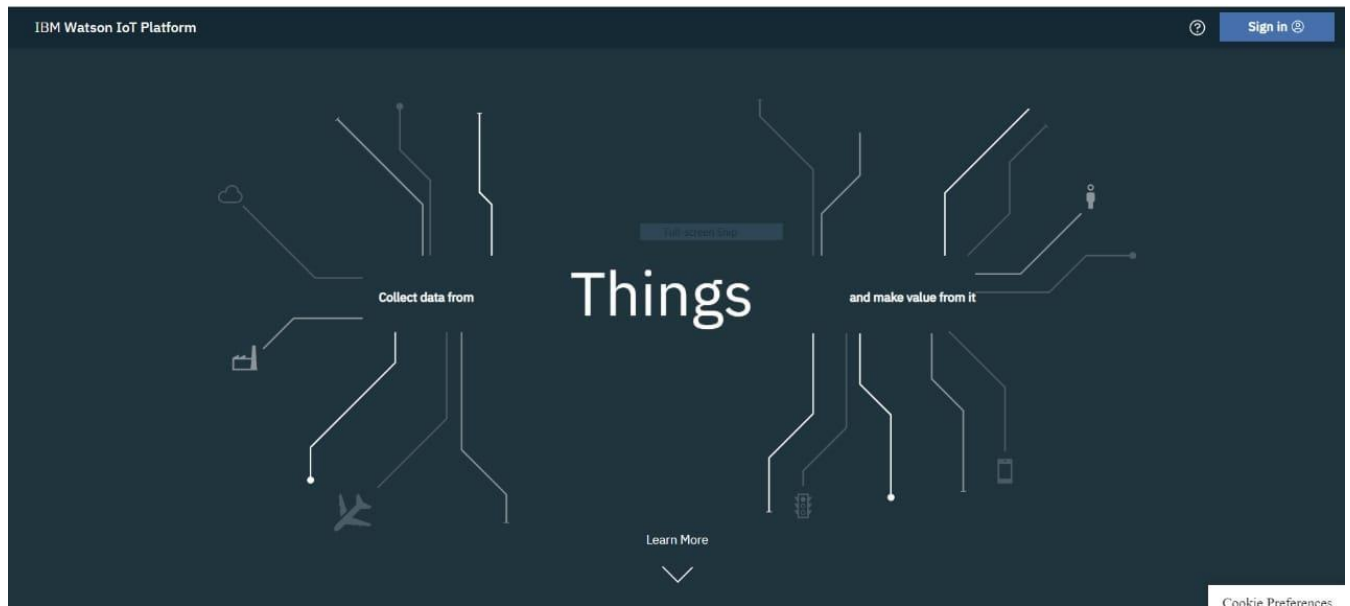
Device type
personal assistance for seniors who are self reliant

Device ID
123456

[View Metadata](#)

Security Token
To be generated

[Back](#) [Finish](#)



Device Credentials Information:

The screenshot displays the IBM Watson IoT Platform interface. The main dashboard shows a list of devices under the 'Device Types' tab. A device named 'vsvs' is listed with a status of 'Connected' and a device type of 'vsvs1234vsvs1234'. Below the device list, there are tabs for 'Identity', 'Device Information', 'Recent Events', and 'State'. The 'Recent Events' tab is active, showing a table with columns 'Event' and 'Value'. Below the table, it states: 'The recent events listed show the live stream of data that is coming and going'.

An overlay window titled 'Device Type: vsvs1234vsvs1234' is open, showing the configuration for a new event type. The 'Event type name' is 'event_1'. The 'Schedule' is set to '20' and 'Every Minute'. The 'Payload' section is titled 'Specify the event payload in the editor window or by uploading a CSV file.' and contains a code editor with the following JSON payload:

```
{
  "randomNumber": random(0, 100)
}
```

Below the code editor is an 'Upload a CSV file' button. At the bottom of the overlay, there are 'Cancel' and 'Save' buttons. A link 'What functions can I apply?' is also visible.