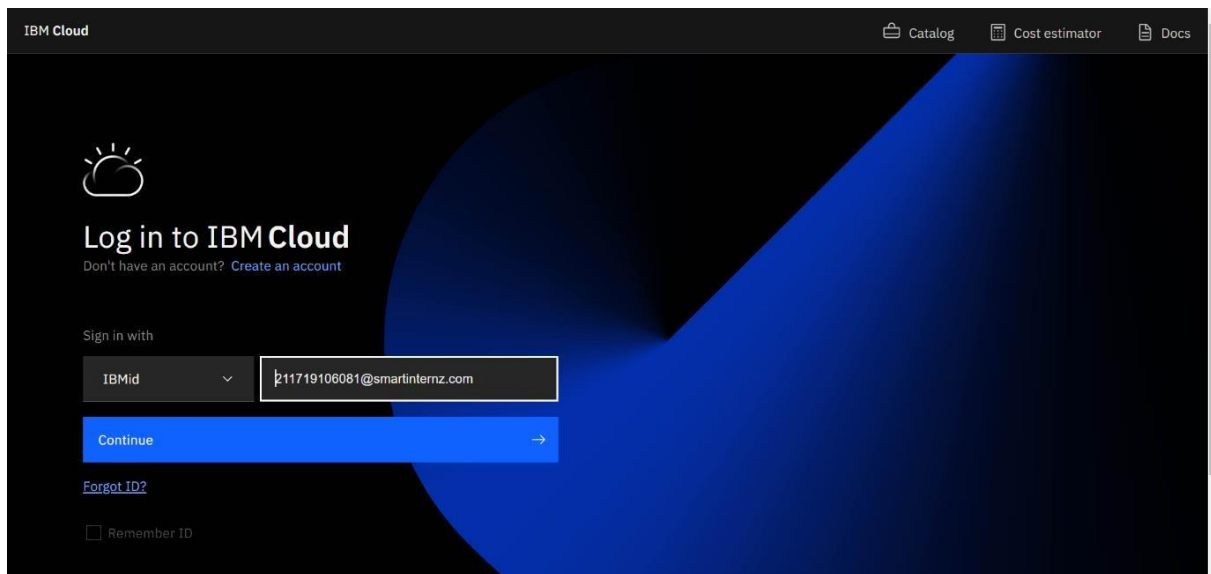


CREATE AND CONFIGURE IBM CLOUD SERVICES

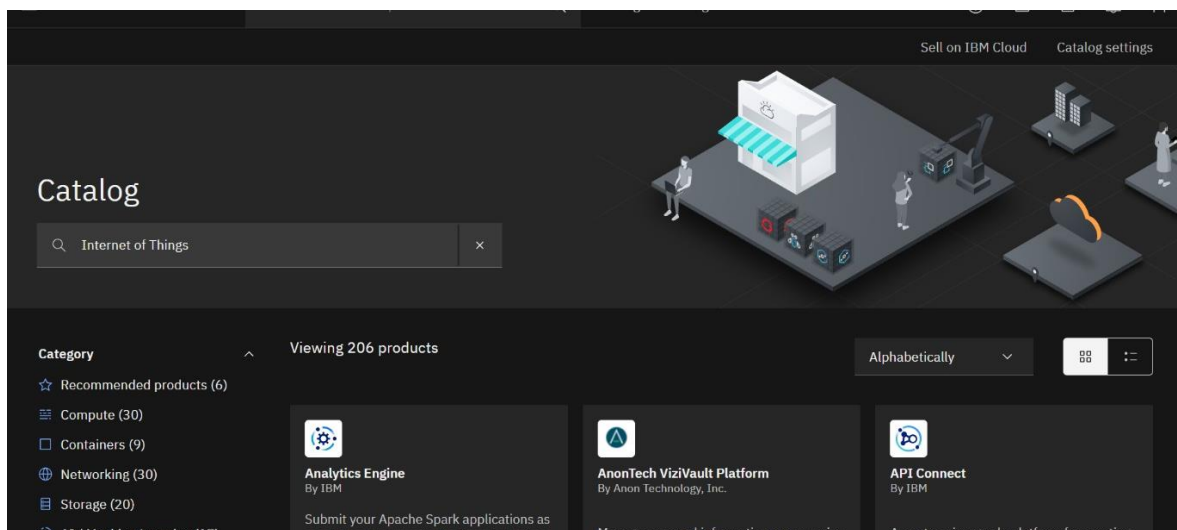
Creating IBM Watson IOT Platform and a Device

Date	27Oct 2022
Team ID	PNT2022TMID17431
Project Name	Project -Smart farmer-IOT enabled smart Farming Application

Step:1 Log in to IBM Cloud Using Registered Id



Step:2 Click on the Catalogue And Search For Internet of Things



Step: 3 Choose the Location As London, Select Free Plan and Click Create Button

The screenshot shows the 'Internet of Things Platform' service page. The 'Create' tab is active, showing a 'Select a location' dropdown set to 'London (eu-gb)' and a 'Select a pricing plan' section. The 'Lite' plan is selected, which includes up to 500 registered devices and a maximum of 200 MB of each data metric, with a pricing of 'Free'. A summary panel on the right shows the service details: 'Internet of Things Platform', 'Free', 'Location: London', 'Plan: Lite', 'Service name: Internet of Things Platform-zd', and 'Resource group: Default'. A warning message states: 'Existing Lite plan instance. You can have only 1 Lite plan instance of this service per resource group. Delete your current Lite plan instance in Default resource group to create a new one, or view the existing instance.' At the bottom, there is a checkbox for 'I have read and agree to the following license agreements:' with a link to 'Terms'.

Internet of Things Platform

This service is the hub of all things IBM IoT, it is where you can set up and manage your connected devices so that your apps can access their live and historical data.

Create About

Type: Service

Provider: IBM

Last updated: 08/15/2022

Category: Internet of Things

Compliance: IAM-enabled

Location

Select a location

London (eu-gb)

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)

Plan	Features	Pricing
Lite	Includes up to 500 registered devices, and a maximum of 200 MB of each data metric	Free

Summary

Internet of Things Platform Free

Location: London

Plan: Lite

Service name: Internet of Things Platform-zd

Resource group: Default

Existing Lite plan instance

You can have only 1 Lite plan instance of this service per resource group. [Delete](#) your current Lite plan instance in Default resource group to create a new one, or [view the existing instance](#).

☐ I have read and agree to the following license agreements: [Terms](#)

Step: 4 Click on Launch Button Then Your IBM Watson IoT Platform Will be Opened

The screenshot shows the 'Browse Devices' page in the IBM Watson IoT Platform. The page has a sidebar with navigation icons and a main content area. The 'Browse' tab is active, showing a table of devices. The table has columns for 'Device ID', 'Status', 'Device Type', 'Class ID', and 'Date Added'. There are two devices listed, both with a status of 'Disconnected'. A search bar is located above the table, and a 'Device Simulator' toggle is on the right. The page also includes a 'Diagnose' button and a '1 of 1 page' indicator.

Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

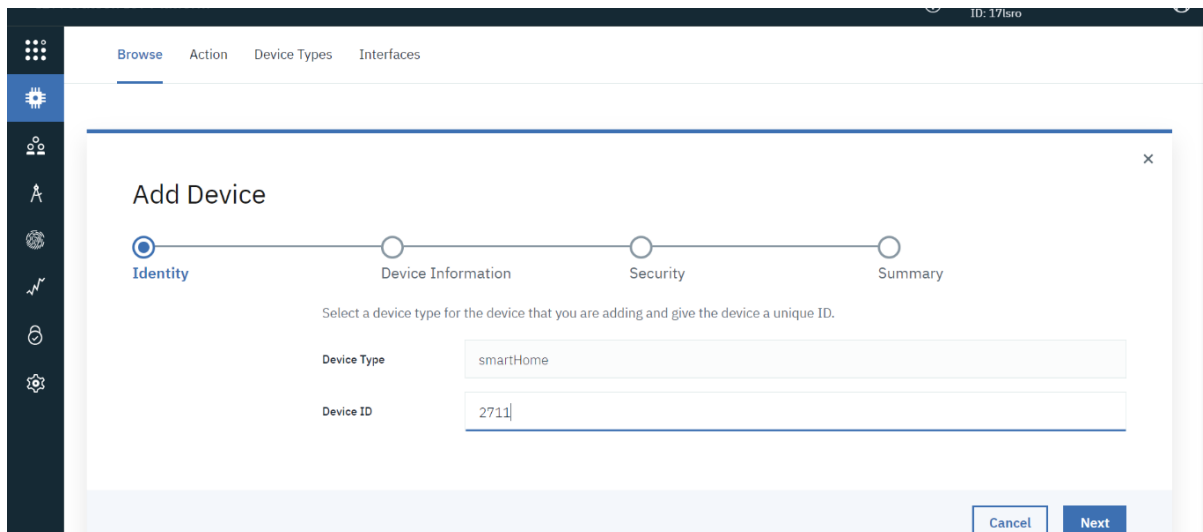
Device Simulator

Device ID	Status	Device Type	Class ID	Date Added
12345	Disconnected	MyDeviceType	Device	Oct 27, 2022 8:04 PM
54321	Disconnected	TestType	Device	Nov 4, 2022 11:52 PM

Items per page 50 | 1-2 of 2 items

1 of 1 page

Step:5 In This you Will be Able to Add Device and Create



17/1/20

Browse Action Device Types Interfaces

Add Device

Identity Device Information Security Summary

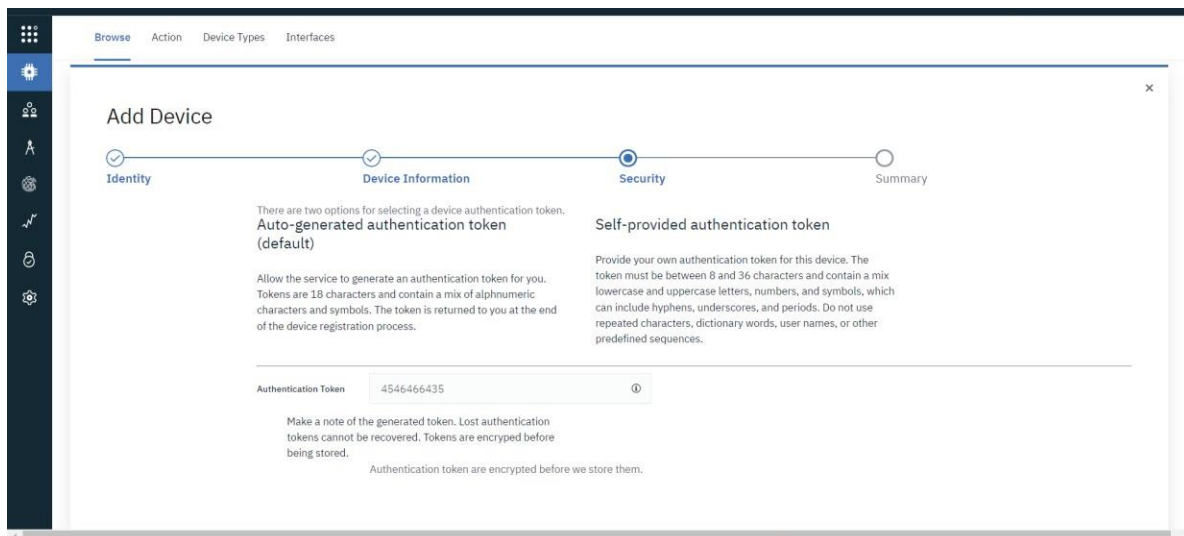
Select a device type for the device that you are adding and give the device a unique ID.

Device Type smartHome

Device ID 2711

Cancel Next

Step:6 Enter your Authentication Token Number



Browse Action Device Types Interfaces

Add Device

Identity Device Information Security Summary

There are two options for selecting a device authentication token.

Auto-generated authentication token (default)

Allow the service to generate an authentication token for you. Tokens are 18 characters and contain a mix of alphanumeric characters and symbols. The token is returned to you at the end of the device registration process.

Authentication Token 4546466435 ⓘ

Self-provided authentication token

Provide your own authentication token for this device. The token must be between 8 and 36 characters and contain a mix of lowercase and uppercase letters, numbers, and symbols, which can include hyphens, underscores, and periods. Do not use repeated characters, dictionary words, user names, or other predefined sequences.

Make a note of the generated token. Lost authentication tokens cannot be recovered. Tokens are encrypted before being stored.

Authentication token are encrypted before we store them.

Step:7 click on Next & Finish Button Ur Device Will Be Added

BrowseActionDevice TypesInterfaces

Add Device

Browse Devices

All DevicesDiagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Q Search by Device ID

Device Simulator

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added
>	<input type="checkbox"/> 12345	Disconnected	MyDeviceType	Device	Oct 27, 2022 8:04 PM
>	<input type="checkbox"/> 2711	Disconnected	smartHome	Device	Nov 10, 2022 9:44 AM
>	<input type="checkbox"/> 54321	Disconnected	TestType	Device	Nov 4, 2022 11:52 PM

Items per page 50 | 1-3 of 3 items

1 of 1 page<1>