

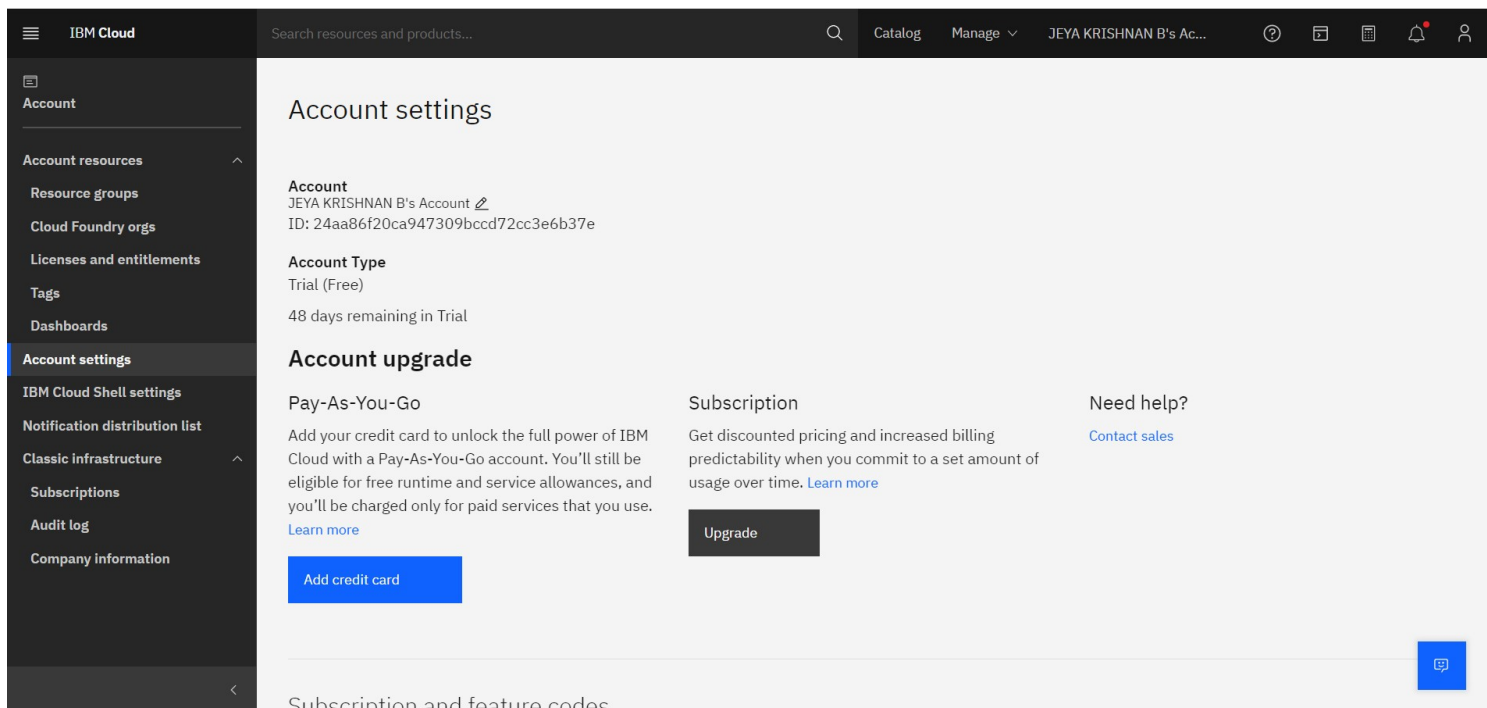
# **Gas leakage monitoring and alerting system for Industries**

IBM NALAIYATHIRAN

## **Create and Configure IBM services IOT Watson Platform**

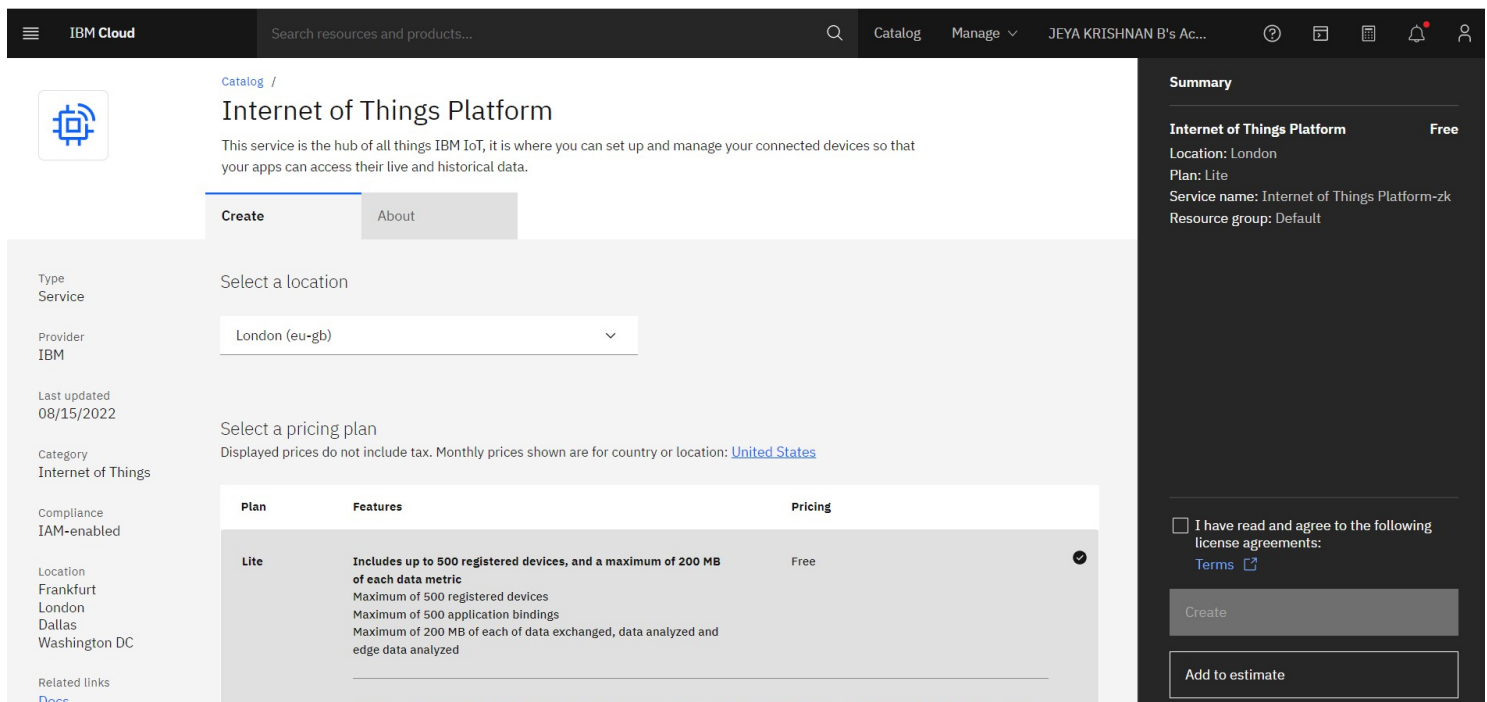
<b>TITLE</b>	Gas leakage monitoring and alerting system for Industries
<b>DOMAIN NAME</b>	INTERNET OF THINGS
<b>TEAM ID</b>	PNT2022TMID47860

# Step1: Log in your registered id



The screenshot shows the IBM Cloud Account settings page. The left sidebar contains navigation links: Account, Account resources, Resource groups, Cloud Foundry orgs, Licenses and entitlements, Tags, Dashboards, Account settings (highlighted), IBM Cloud Shell settings, Notification distribution list, Classic Infrastructure, Subscriptions, Audit log, and Company information. The main content area is titled 'Account settings' and displays account details for 'JEYA KRISHNAN B's Account' with ID '24aa86f20ca947309bccd72cc3e6b37e'. It shows the account type as 'Trial (Free)' with 48 days remaining. Below this, there are sections for 'Pay-As-You-Go' (with an 'Add credit card' button), 'Subscription' (with an 'Upgrade' button), and a 'Need help?' link to 'Contact sales'. A 'Subscription and feature codes' section is partially visible at the bottom.

# Step 2: click catalog where you find the services and internet of thing you can select and make location as London



The screenshot shows the IBM Cloud Catalog page for the 'Internet of Things Platform'. The left sidebar lists service details: Type (Service), Provider (IBM), Last updated (08/15/2022), Category (Internet of Things), Compliance (IAM-enabled), Location (Frankfurt, London, Dallas, Washington DC), and Related links (Docs). The main content area has tabs for 'Create' and 'About'. Under the 'Create' tab, there are sections for 'Select a location' (with a dropdown menu showing 'London (eu-gb)') and 'Select a pricing plan' (with a link to 'United States'). A table displays the available plans:

Plan	Features	Pricing
Lite	Includes up to 500 registered devices, and a maximum of 200 MB of each data metric Maximum of 500 registered devices Maximum of 500 application bindings Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed	Free

The 'Lite' plan is selected, indicated by a checkmark. On the right, a 'Summary' panel shows the service name 'Internet of Things Platform', location 'London', plan 'Lite', service name 'Internet of Things Platform-zk', and resource group 'Default'. At the bottom, there is a checkbox for 'I have read and agree to the following license agreements:' with a 'Terms' link, and buttons for 'Create' and 'Add to estimate'.

### Step 3: click create and the launch tab get open, then click launch

The screenshot shows the IBM Cloud interface for the 'Internet of Things Platform-zk'. The top navigation bar includes the IBM Cloud logo, a search bar, and user information. The left sidebar has a 'Manage' tab selected. The main content area features a large graphic of a central node connected to various devices, with the text 'Let's get started with IBM Watson IoT Platform'. Below this, there are two buttons: 'Launch' and 'Docs'. A section titled 'Ready for the next level?' introduces the 'IBM Watson IoT Platform Journey' with three stages: 'Lite', 'Non-Production', and 'Production'. Each stage has a brief description of its capabilities and a 'Learn More' link.

IBM Cloud

Search resources and products...

Internet of Things Platform-zk 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.

### Step 4: It redirect you to IBM WATSON platform where you need to click sign in

The screenshot shows the IBM Watson IoT Platform landing page. The header includes the 'IBM Watson IoT Platform' title and a 'Sign in' button. The main content area features a large graphic with the word 'Buildings' in the center, surrounded by icons representing various IoT applications like a cloud, a factory, an airplane, and a person. The text 'Collect data from' and 'and make value from it' is positioned around the central graphic. A 'Learn More' link is at the bottom center, and a 'Cookie Preferences' button is at the bottom right.

IBM Watson IoT Platform

Sign in

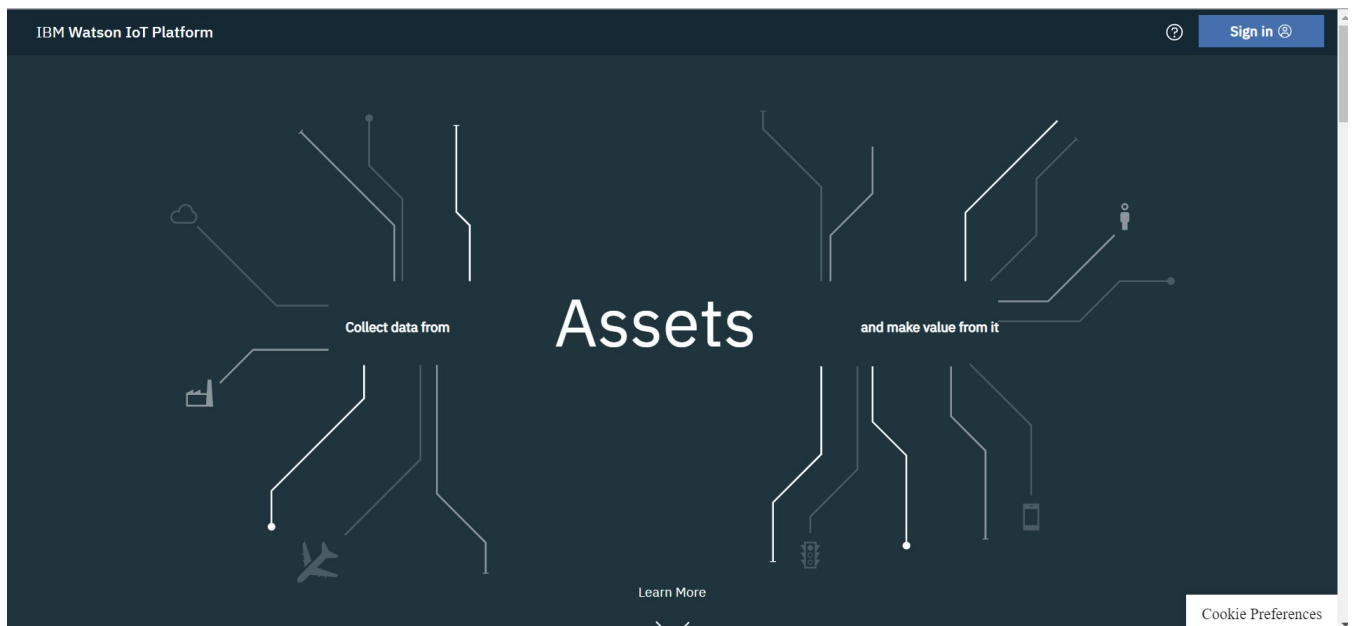
Collect data from

Buildings

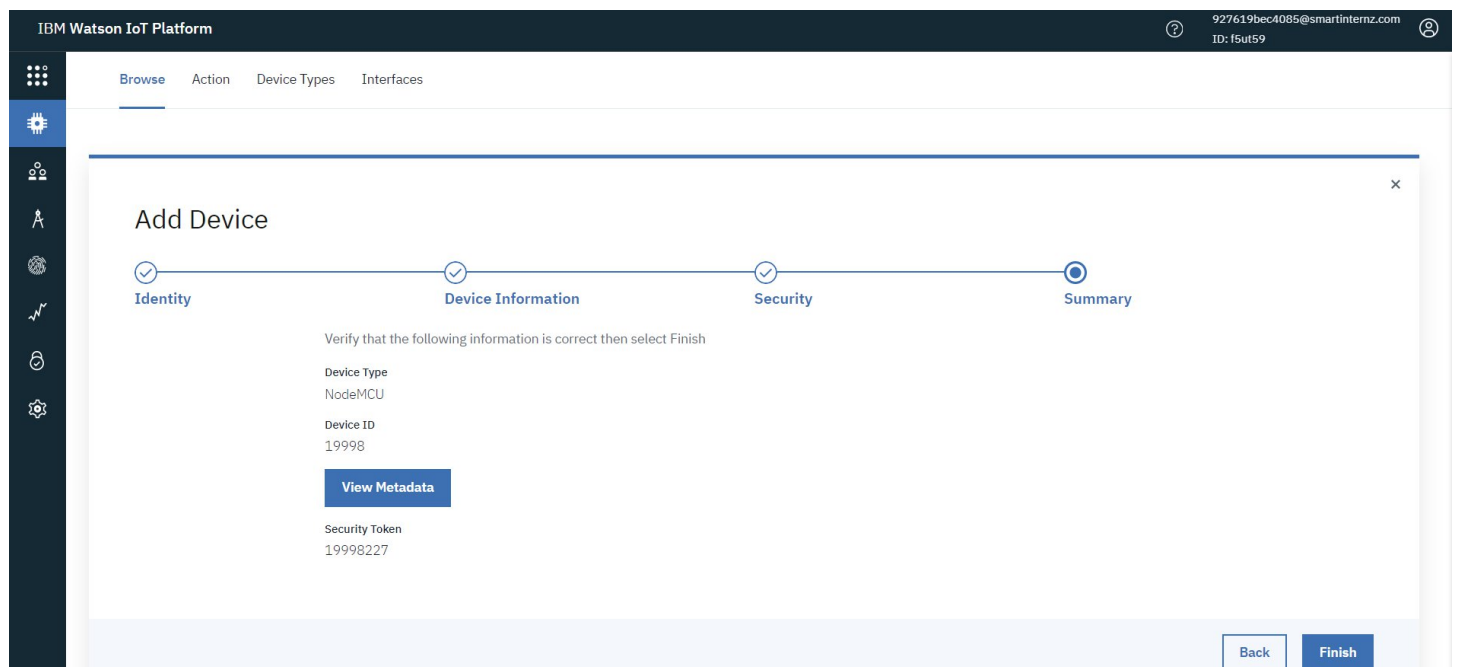
and make value from it

Learn More

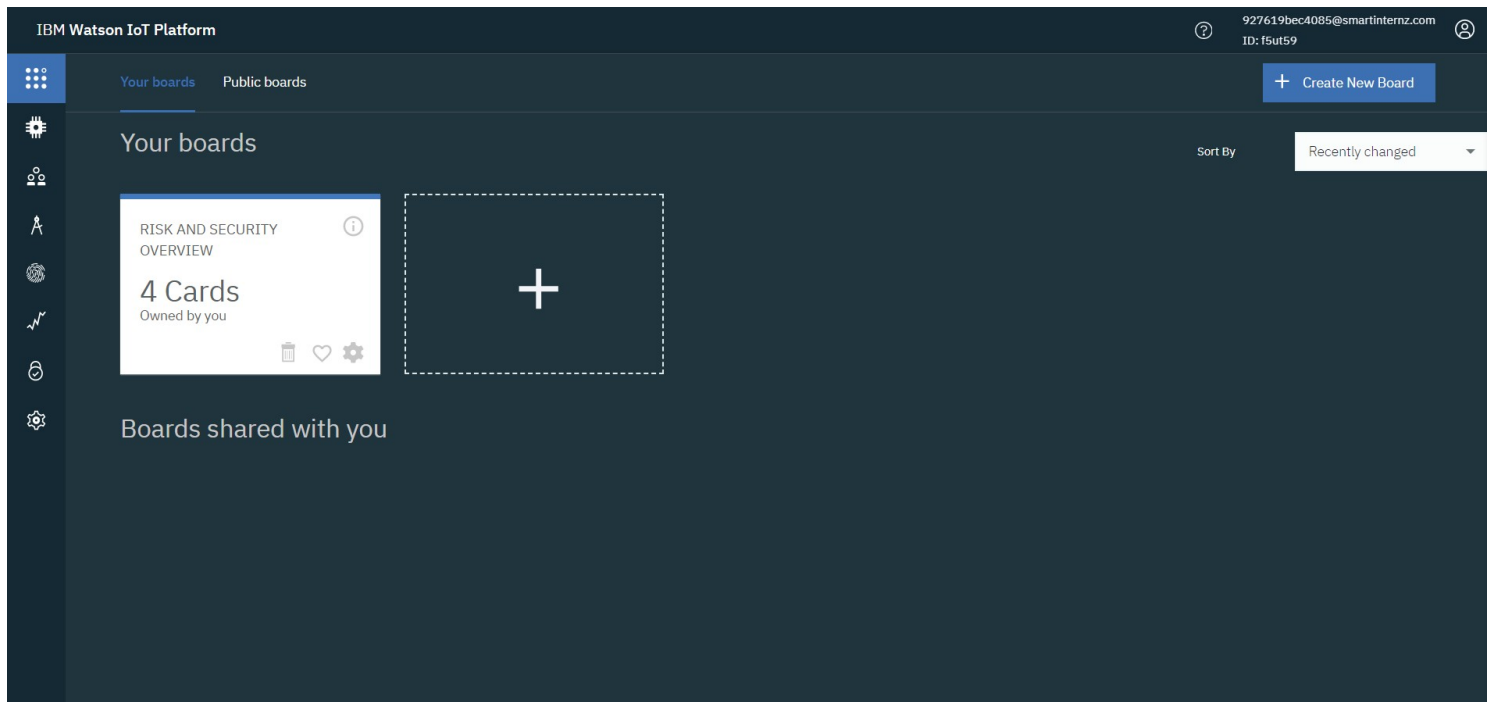
Cookie Preferences



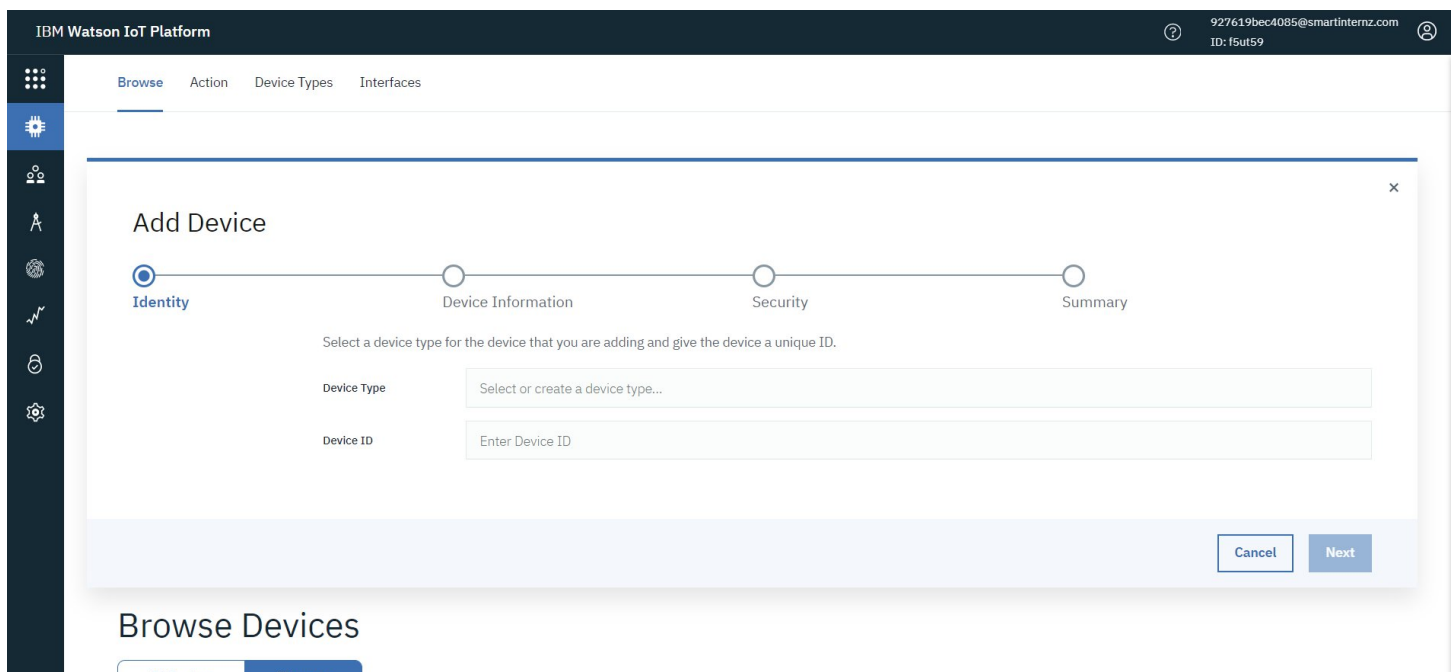
**Step 6: where you find this tab which is used to add device, app, member, usage, and security can be worked**



## Step 7: check boards for risk and security overview card, it uses for graphical representation boards



## Step 8: after clicking create a new device / add device you can choose an device type and device id and complete the following information to create a device



## Step 9: created a device of NodeMCU

IBM Watson IoT Platform

927619bec4085@smartinternz.com  
ID: f5ut59

← Back

Device Drilldown - 19998

Device Credentials

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

Device Credentials

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 to view connection and event details.

Organization ID	f5ut59
Device Type	NodeMCU
Device ID	19998
Authentication Method	use-token-auth
Authentication Token	19998227

Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.

Find out how to add these credentials to your device ↗

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