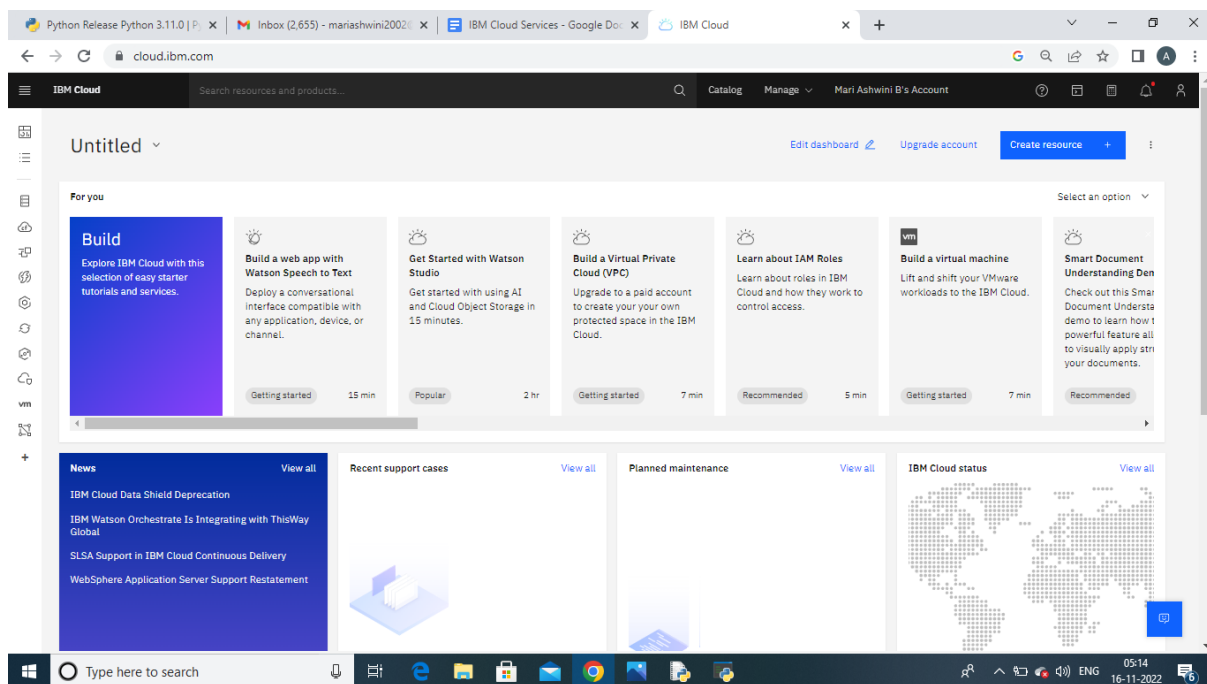# PREREQUISITES
IBM CLOUD SERVICES

TEAM ID	PNTIBM2022TMID33862
PROJECT NAME	SAFETY GADGETS FOR CHILD SAFETY MONITORING

IBM CLOUD:

IBM Cloud is the cloud for smarter business trusted by thousands of global enterprises. Learn how you can provide reliable and continuous security for your cloud environment.

Types:

Full Stack Cloud Platform, Hybrid Cloud, Data and AI Capabilities IBM also builds cloud environments for clients that are not necessarily on the SmartCloud Platform. For example, features of the SmartCloud platform—such as Tivoli management software or IBM Systems Director virtualization—can be integrated separately as part of a non-IBM cloud platform. The SmartCloud platform consists solely of IBM hardware, software, services and practices.

IBM IOT PLATFORM:

IBM Watson IoT Platform is a fully managed, cloud-hosted service that makes it simple to derive value from Internet of Things (IoT) devices.

Simply register and connect your device, be it a sensor, a gateway, or something else, to Watson IoT Platform and start sending data securely up to the cloud using the open, lightweight MQTT messaging protocol. You can set up and manage your devices using your online dashboard or our secure APIs, so that your apps can access and use your live and historical data.

IBM NODE-RED:

Node-RED is a flow-based programming tool, originally developed by IBM's Emerging Technology Services team and now a part of the OpenJS Foundation.

Node-RED consists of a Node.js based runtime that you point a web browser at to access the flow editor. Within the browser you create your application by dragging nodes from your palette into a workspace and start to wire them together. With a single click, the application is deployed back to the runtime where it is run.

The palette of nodes can be easily extended by installing new nodes created by the community and the flows you create can be easily shared as JSON files.

IBM CLOUDANT DB:

Cloudant is an IBM software product, which is primarily delivered as a cloud-based service. Cloudant is a non-relational, distributed database service of the same name.
Cloudant is based on the Apache-backed CouchDB project and the open source BigCouch project.

Cloudant's service provides integrated data management, search, and analytics engine designed for web applications. Cloudant scales databases on the CouchDB framework and provides hosting, administrative tools, analytics and commercial support for CouchDB and BigCouch. Cloudant's distributed CouchDB service is used the same way as standalone CouchDB, with the added advantage of data being redundantly distributed over multiple machines.

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	Select a location
Service	

Provider
IBM

London (eu-gb) ▾

Last updated
08/15/2022

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or location: United States

Category
Internet of Things

Compliance
IAM-enabled

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 data exchanged, data analyzed and edge data analyzed	Free ●

Location
Frankfurt
London
Dallas
Washington DC

The Lite service plan for Internet of Things Platform includes up to 500 registered devices, and a maximum of 200 MB each of data exchanged, data analyzed, and edge data analyzed per month.

Related links
Docs
Terms

Lite plan services are deleted after 30 days of inactivity.

Summary

Internet of Things Platform — Free

Location: London
Plan: Lite
Service name: Internet of Things Platform-ub
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 ⧉

Create

Add to estimate