SPRINT-1

Date	14 November 2022
Team ID	PNT2022TMID06006
Project Name	Smart solutions for railways

Step-1: Creating IBM Cloud:
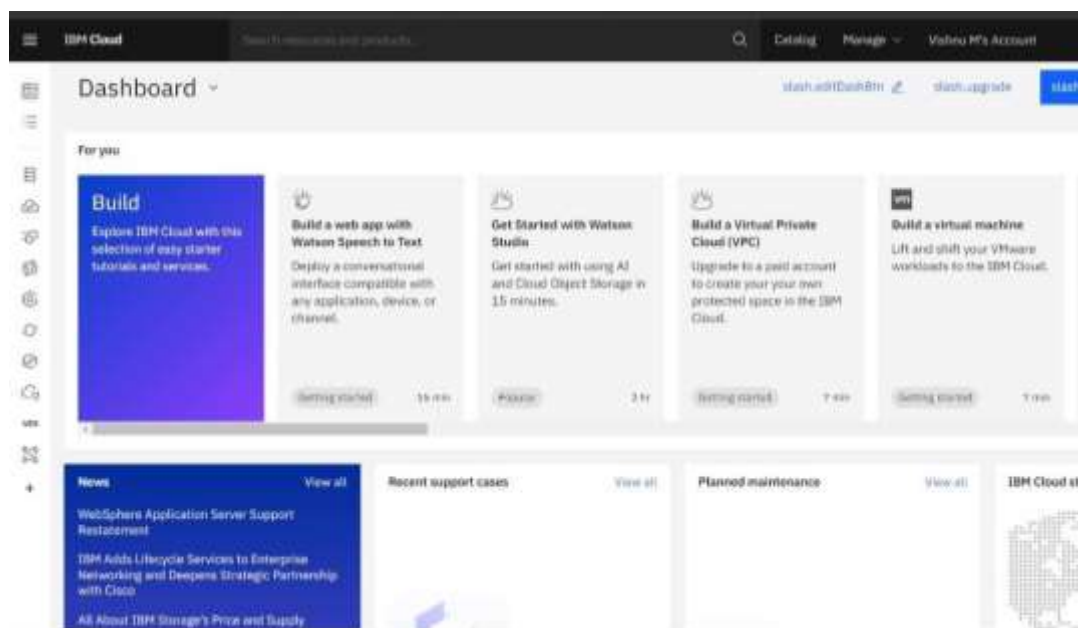
Step-2: Using IBM CLOUD services

IBM Cloud Monitoring
By IBM

Offers visibility into the performance and health of your infrastructure and apps, with in-depth troubleshooting and alerting.

Lite • Free • EU Supported • IAM-enabled • IBM supported

IBM Cognos Dashboard Embedded
By IBM

Build and deliver visually stunning dashboards that accelerate your journey to a data driven business.

Lite • Free • IAM-enabled • IBM supported

IBM Log Analysis
By IBM

IBM Log Analysis provides log collection and log search for IBM Cloud. Define alerts and design custom views to monitor application and system logs.

Lite • Free • EU Supported • IAM-enabled • IBM supported

IBM Match 360 with Watson
By IBM

IBM Match 360 with Watson (Match 360) improves trust in AI pipelines by identifying duplicate records and providing reliable data about your customers, supplier...

Lite • Free • IAM-enabled • IBM supported

Informix
By IBM

IBM Informix on Cloud helps businesses gain a trusted view of data in a hybrid computing environment.

IBM supported

Internet of Things Platform
By IBM

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.

Lite • Free • IAM-enabled • IBM supported

Internet Services
By IBM

IPSec VPN
By IBM

Key Protect
By IBM

Step-3: Configure the IBM CLOUD service and creating IOT platform

Catalog /

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
Frankfurt
London
Dallas
Washington DC

Related links
Docs
Terms

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** 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 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.

Step4: IBM Watson IOT platform acts as the mediator to connect the web application to IOT devices, hence launching IBM Watson IOT platform.

Step 5: IBM Watson IOT platform
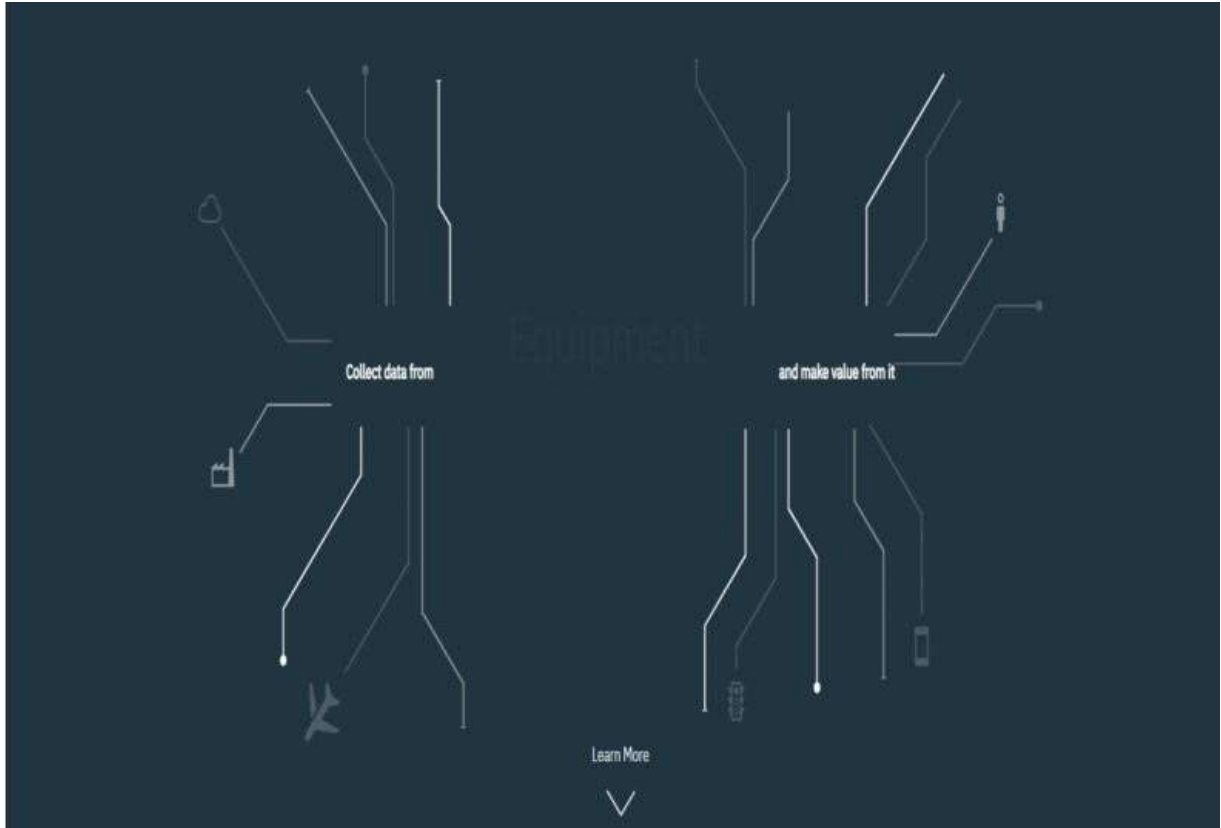
Step 6: In order to connect the IOT device to the IBM cloud , create device in the IBM Watson IOT Platform and get the device credentials.

'Step-7: Connect the device and start simulation

SIMULATION:

The simulation shows the available seats, longitude and latitude.