

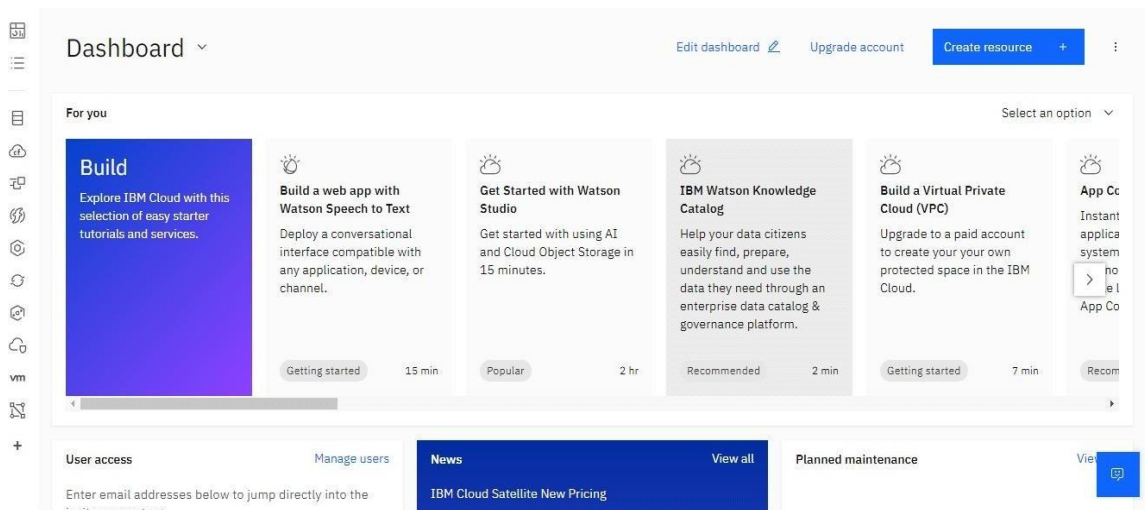
Create IBM Watson IOT Platform And Device

Date : 15 November 2022


Team ID : PNT2022TMID22838

Project Name : Smart solutions for railways

Step-1:Creating IBM Cloud



Step-2: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

Select a location

Frankfurt (eu-de)

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	Free

Type
Service

Provider
IBM

Last updated
08/15/2022

Category
Internet of Things

Compliance
IAM-enabled

Location
Frankfurt
London

Summary

Internet of Things Platform **Free**

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-p5

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-3:IBM Watson IOT platform acts as the mediator to connect the web applications to IOT devices/hence launching IBM Watson IOT platform

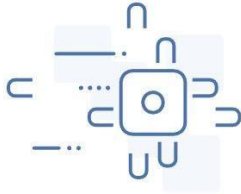
Resource list /

Internet of Things Platform-fq 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](#)

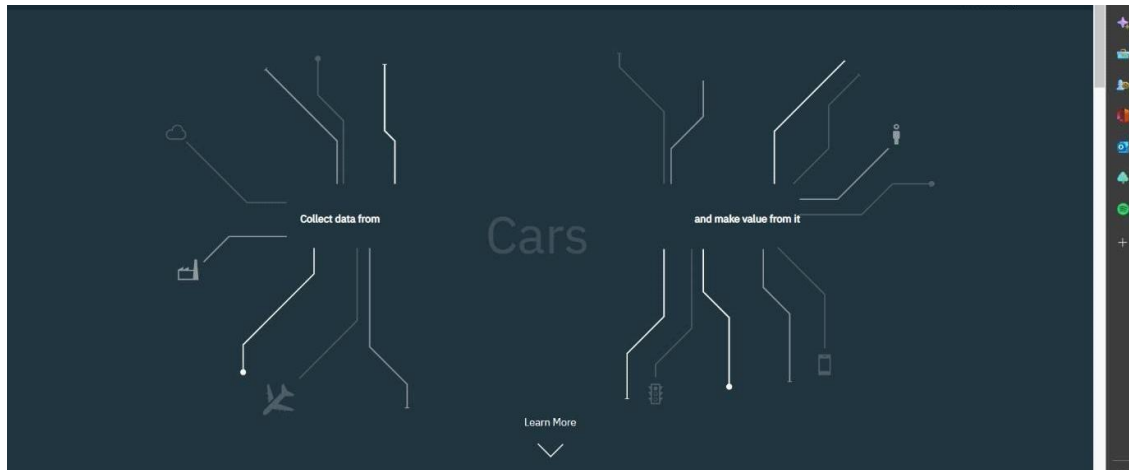
Ready for the next level?

IBM Watson IoT Platform Journey

☒ Lite ☐ Non-Production ☐ Production

[IBM](#)

Step-4:IBM Watson IOT platform is created



Step-5: Connect the device and start simulating :

Browser Action Device Types Interfaces

Add Device

Identity Device Information Recent Events State Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event	{"available seats":33,"longitude":100,"latitude":-...	json	a few seconds ago
event	{"available seats":95,"longitude":54,"latitude":-11}	json	a minute ago
event	{"available seats":46,"longitude":-161,"latitude":...	json	2 minutes ago
event	{"available seats":1,"longitude":57,"latitude":53}	json	3 minutes ago

Items per page: 50 | 1-1 of 1 item

1 of 1 page

1 Simulation running

SIMULATION:

The simulation shows the available seats , longitude and latitude

The screenshot displays the 'Recent Events' tab within the 'Device Information' panel. The panel header includes tabs for Identity, Device Information, Recent Events, State, and Logs. Below the header, a message states: 'The recent events listed show the live stream of data that is coming and going from this device.' A table follows, listing four events with their respective values, formats, and last received times.

Event	Value	Format	Last Received
event	{"available seats":33,"longitude":100,"latitude":-...}	json	a few seconds ago
event	{"available seats":95,"longitude":54,"latitude":-11}	json	a minute ago
event	{"available seats":46,"longitude":-161,"latitude":...}	json	2 minutes ago
event	{"available seats":1,"longitude":57,"latitude":53}	json	3 minutes ago

At the bottom of the panel, there is a pagination bar showing 'Items per page: 50' and '1-1 of 1 item'. The overall interface includes a sidebar with various icons and a top navigation bar with tabs for Browse, Action, Device Types, and Interfaces.