

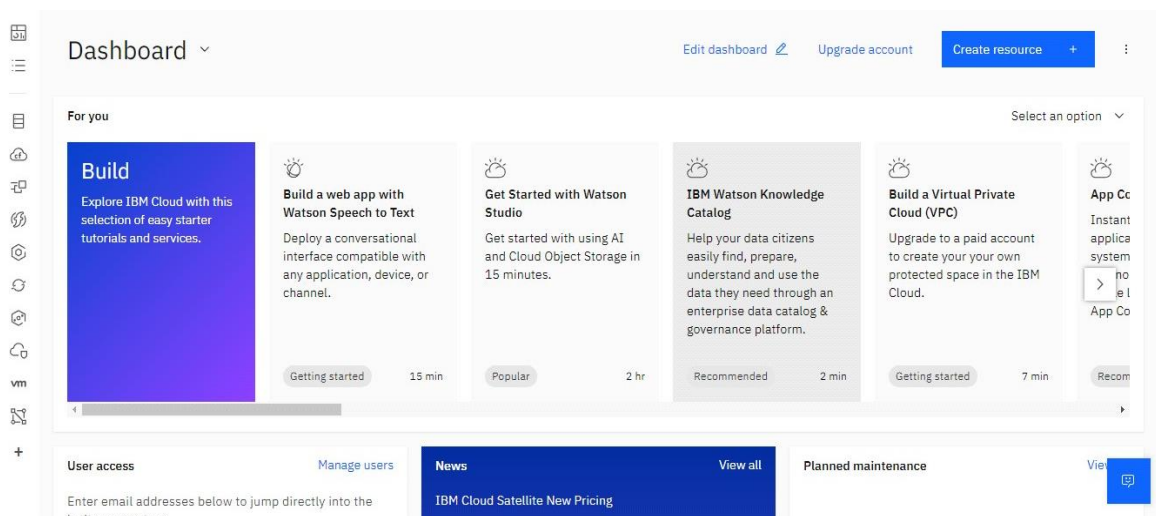
Create IBM Watson IOT Platform And Device

Date : 7 November 2022


Team ID : PNT2022TMID05270

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

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

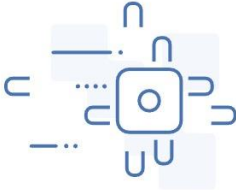
[Resource list](#) / Internet of Things Platform-fq Active [Add tags](#) [Details](#)

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?

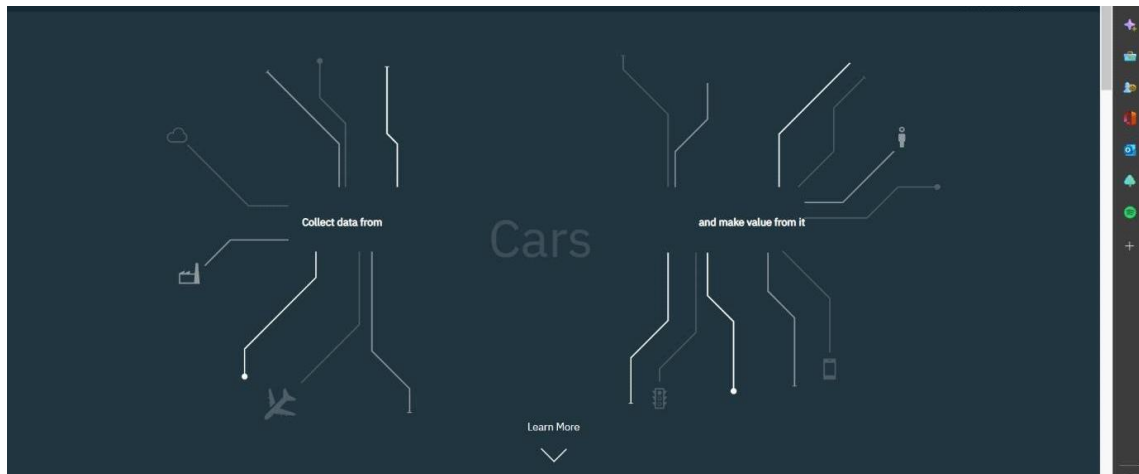
IBM Watson IoT Platform Journey

☒ Lite

☐ Non-Production

☐ Production

Step-4:IBM Watson IOT platform is created



Step-5: Connect the device and start simulating :

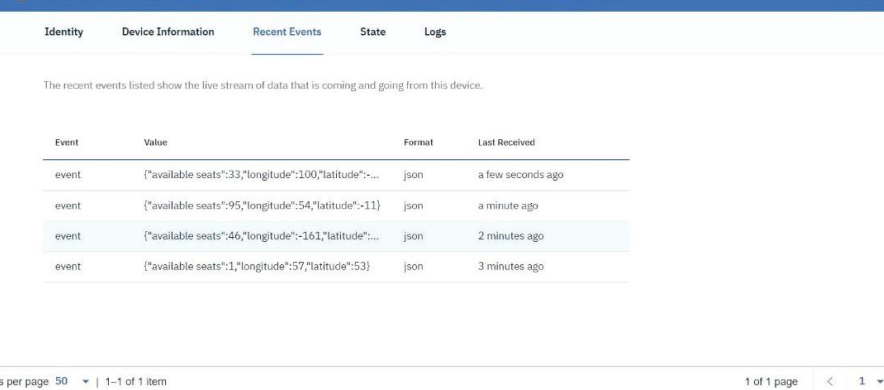
Dashboard interface showing device simulation data. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A blue 'Add Device' button is in the top right corner.

The main content area displays the 'Recent Events' tab for a device. It shows a table of live stream data:

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

Below the table, it indicates 'Items per page: 50' and '1 of 1 page'. At the bottom, a status bar shows '1 Simulation running'.

The simulation shows the available seats , longitude and latitude



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

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Items per page 50 | 1-1 of 1 item

1 of 1 page

1 Simulation running