

Create and configure IBM cloud services

Create IBM Watson IoT Platform and Device

Team ID	PNT2022TMID18013
Project Name	IOT Based Real-Time River Water Quality Monitoring and Control System

IBM Watson IoT Platform:

The screenshot shows the IBM Cloud console for creating an Internet of Things Platform. The 'Create' tab is active, showing a 'Select a location' dropdown set to 'Frankfurt (eu-de)' and a 'Select a pricing plan' section. The 'Lite' plan is selected, which includes up to 500 registered devices and 200 MB of data storage. A summary panel on the right shows the plan details and a warning about existing Lite plan instances.

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

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 Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed	Free

Summary

Internet of Things Platform Free

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-e1

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

Devices:

The screenshot shows the 'Browse Devices' page in the IBM Watson IoT Platform. It displays a table of devices with columns for Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. Two devices are listed: one with ID 12345 (Disconnected) and another with ID NodeMCU_1 (Connected). The page also includes a search bar, a 'Device Simulator' toggle, and a '2 Simulations running' status.

IBM Watson IoT Platform

smithaarasani1555_cs@mepcoeng.ac.in
ID: 2s0v7d

Browse | Action | Device Types | Interfaces

Browse Devices

All Devices | Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator: ☒ | ☐ | ☐

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
> <input type="checkbox"/>	12345	Disconnected	NodeMCU	Device	Sep 27, 2022 2:47 PM	
> <input type="checkbox"/>	NodeMCU_1	Connected	NodeMCU	Device	Nov 1, 2022 4:08 PM	

Items per page: 50 | 1-2 of 2 items

1 of 1 page | < 1 >

2 Simulations running