

Create and configure IBM cloud services

Create IBM Watson IoT Platform and Device

Team ID	PNT2022TMID51580
Project Name	IOT Based Real-Time River Water Quality Monitoring and Control System

IBM Watson IoT Platform:

The screenshot shows the 'Create' page for the 'Internet of Things Platform' service in the IBM Cloud console. The page is divided into a left sidebar, a main content area, and a right sidebar.

Left Sidebar: Contains metadata for the service, including Type (Service), Provider (IBM), Last updated (08/15/2022), Category (Internet of Things), Compliance (IAM-enabled), and Location (Frankfurt, London, Dallas, Washington DC).

Main Content Area: Features a 'Create' button and an 'About' tab. Below the 'Create' button, there are two selection steps: 'Select a location' (with a dropdown menu showing 'Frankfurt (eu-de)') and 'Select a pricing plan'. Below these, a table lists available plans.

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

Right Sidebar: Contains a 'Summary' section with details: 'Internet of Things Platform', 'Location: Frankfurt', 'Plan: Lite', 'Service name: Internet of Things Platform-e1', and 'Resource group: Default'. Below this is a warning message: '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.' At the bottom, there is a checkbox for 'I have read and agree to the following license agreements:' and a 'Create' button.

Devices:

The screenshot shows the 'Browse Devices' page in the IBM Watson IoT Platform console. The page has a top navigation bar with 'Browse', 'Action', 'Device Types', and 'Interfaces'. Below the navigation bar, there are tabs for 'All Devices' and 'Diagnose'. A message states: '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.'

Below the message is a search bar labeled 'Search by Device ID' and a 'Device Simulator' toggle switch. A table lists the devices:

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	NodeMCU	Device	Sep 27, 2022 2:47 PM	
NodeMCU_1	Connected	NodeMCU	Device	Nov 1, 2022 4:08 PM	

At the bottom, there is a pagination bar showing '1 of 1 page' and a status bar indicating '2 Simulations running'.