

Prerequisites

IBM Watson platform

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TEAM ID	PNT2022TMID08456
PROJECT NAME	Real Time River Water Quality Checking and Control System

Creating And Launching IBM Watson platform for IOT

The screenshot shows the IBM Cloud console interface. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Deepan S V's Account). The main content area displays the 'Internet of Things Platform-5j' resource, which is active. A 'Launch' button is prominently displayed. Below the launch button, there is a section titled 'Let's get started with IBM Watson IoT Platform' with a description: 'Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.' Further down, a 'Ready for the next level?' section introduces the 'IBM Watson IoT Platform Journey' with three service plans: Lite, Non-Production, and Production. Each plan has a brief description and a list of features.

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**
The Lite service plan provides a lightweight development environment to get you started with the connectivity capabilities of Watson IoT Platform.
 - Free
 - 200 MB data-transfer limit
 - 500 application bindings limit
- Non-Production**
The Non-Production service plan is a full-featured, fully-integrated offering that enables you to explore Watson IoT Platform to see how the service can fit into your IoT environment.
 - Starts at \$500 per month
 - Capacity limit based on device type
 - Optional Analytics Service and Blockchain Service add-ons
- Production**
The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.
 - Includes IBM Service & Support
 - Pricing based on number of devices per device type
 - Optional Analytics Service and Blockchain

Devices Created for IOT

The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes links for Browse, Action, Device Types, and Interfaces. The main heading is 'Browse Devices', with buttons for 'All Devices' and 'Diagnose'. A descriptive paragraph 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.'

A search bar labeled 'Search by Device ID' is present. To the right, there is a 'Device Simulator' toggle switch and a filter icon. The main table lists the following device:

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
water_today	Disconnected	water_monitoring	Device	19 Nov 2022 19:54	

Below the table, a detailed view for the 'water_today' device is expanded, showing the following information:

Identity	Device Information	Recent Events	State	Logs
Device ID	water_today			
Device Type	water_monitoring			
Date Added	19 Nov 2022 19:54			
Added By	810419106011@dsengg.ac.in			
Connection Status	Disconnected			

A notification at the bottom right indicates '1 Simulation running'. The bottom of the image shows a Windows taskbar with the date 20-11-2022 and time 11:44.