

# Create And Configure IBM Cloud Services

## Create IBM Watson IOT Platform And Device

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Team ID	PNT2022TMID51402
Project Name	Real-Time River Water Quality Monitoring and Control System

The screenshot displays the IBM Cloud Dashboard. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user's account (Kavin Kumar's Account). The main section is titled 'Dashboard' and features a 'For you' section with several tiles: 'Build' (Getting started, 2 min), 'Explore IBM Cloud Shell' (Recommended, 1 min), 'Explore DevSecOps on IBM Cloud' (Recommended, 1 min), 'Use Cloud Foundry' (Recommended, 10 min), 'Create a custom dashboard' (Getting started, 3 min), 'Explore tutorials' (Getting started, 10 min), 'Get started with Watson Discovery' (Recommended, 2 hr), and 'Visit the IBM Cloud catalog' (Getting started, 1 min). Below this, there are four sections: 'News' (with links to WebSphere Application Server Support Restatement, IBM Adds Lifecycle Services to Enterprise Networking and Deepens Strategic Partnership with Cisco, All About IBM Storage's Price and Supply Guarantee, and IBM Tech Now: November 7, 2022), 'Recent support cases' (with a link to View all), 'Planned maintenance' (with a link to View all), and 'IBM Cloud status' (showing 'No issues' with a green dot and a link to View all). At the bottom, there are two sections: 'Usage' (with a link to View usage) and 'User access' (with a link to Manage users). The bottom of the image shows the URL 'https://cloud.ibm.com/catalog'.

IBM Cloud

Search resources and products...

Q

Catalog

Manage

Kavin Kumar's Account

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Resource list /

Internet of Things Platform-uxActiveAdd tags

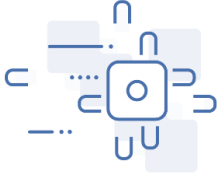
Details

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

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
- 500 registered devices 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 Service add-ons

Continue your journey on IBM Marketplace

Learn about IBM Watson IoT Platform

Understand the architecture, concepts, and features of the IBM Watson IoT Platform service and see how it fits in the extended IBM Cloud

Expand using step-by-step recipes

Browse a multitude of custom recipes to connect your devices to IBM Watson IoT Platform, expand on the basic service, and consume the

💬

Browse   Action   Device Types   Interfaces

Add Device +

## 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	Added By	Device Class	Firmware Version
▼	213432	Disconnected	iotdev	Device	Nov 14, 2022 9:29 PM		211519205074@smartinternz.com	→	...
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_1	{"distance":256}	json	a few seconds ago						
event_1	{"temperature":11,"turbidity":98,"ph":0,"tds":106}	json	a few seconds ago						
event_1	{"distance":12}	json	a few seconds ago						
event_1	{"temperature":30,"turbidity":84,"ph":7,"tds":111}	json	a few seconds ago						
event_1	{"distance":95}	json	a few seconds ago						

2 Simulations running