

IBM Watson IOT Platform and a Device

Date : 14 November 2022
Team ID : PNT2022TMID14319
Project Name : Industry – specific intelligent management system

Basic knowledge of the following cloud services:

- IBM Watson IoT Platform

IBM Watson IoT Platform:

IBM Watson IoT Platform connects devices, ingests device data and transforms that data into meaningful insights. Watson IoT Platform and its additional add on services enable Clients to capture data for devices, equipment, and machines, to explore this data, and to discover insights on this data that drive better decision making. Watson IoT Platform provides a pre-integrated foundation for industry solution and Client applications built on IoT data. IBM Watson IoT Platform is made up of three fundamental services:

Connection Service, Analytics Service, and Block chain Service. All three services have a nonproduction package for proofs of concept and pilot work, as well as a production package for full production deployment.

IBM Watson IoT Platform Connection Service capabilities include:

- Connection of a wide spectrum of IoT devices
- IoT device registration and management
- User Registration, setup, and authentication

- Ability to create alerts
- Security with TLS authentication support, access control group for devices & gateways
- Data Lifecycle Management
- Solution administration for deployment and device groupings Additionally:
- Analytics Service enable to enrich, augment and interact with raw data
- Block chain Service enable to connect with Block chain enabled networks.

Service Details - IBM Cloud

IBM Watson IoT Platform

7pqyuo.internetofthings.ibmcloud.com/dashboard/devices/drilldown/Manoj:9123man?returnTo=/devices/browse

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IBM Watson IoT Platform

19ec062@kpriet.ac.inID: 7pqyuo

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Device Drilldown - 9123man

Device Credentials

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

Device Credentials

You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.

Organization ID	7pqyuo
Device Type	Manoj
Device ID	9123man
Authentication Method	use-token-auth
Authentication Token	12345678

⚠

Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.

[Find out how to add these credentials to your device](#)

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Connection Information

Basic connection information about this device.

Device ID	9123man
Device Type	Manoj
Date Added	14 Nov 2022 14:19
Added By	19ec062@kpriet.ac.in
Connection Status	Disconnected

Recent Events

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

Event	Value	Format	Last Received
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