

# IBM Watson IoT Platform, formerly known as IBM IoT Connection Service, offers add-ons for blockchain service and analytics service, building on integrated IoT foundation to derive greater value from IoT devices

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## At a glance

IBM Watson IoT™ Platform:

- Integrates the existing capabilities and functions of IBM<sup>(R)</sup> IoT Connection Service in an end-to-end, fully managed cloud service
- Offers Watson IoT™ Platform for Production and Watson IoT Platform for Non-Production subscriptions
- Offers a Watson IoT Platform Lite Plan on the IBM Cloud™, including data analysis and edge data analysis
- Features new Watson IoT Blockchain service and Watson IoT Analytics service add-ons

## Overview

Watson IoT Platform, formerly known as IBM IoT Connection Service, connects devices, ingests device data, and transforms that data into meaningful insights. Watson IoT Platform and its additional add-on services enable organizations to capture and explore data for devices, equipment, and machines, and discover insights that can drive better decision-making.

Watson IoT Platform combines the power and simplicity to scale to industrial IoT applications, solutions, and workloads. It integrates the existing capabilities and functions of IBM IoT Connection Service in an end-to-end, fully managed cloud service available for subscription in production or non-production environments.

Watson IoT Platform communicates with your applications and devices by using the Watson IoT Platform API and the Watson IoT Platform messaging protocol. Other capabilities include:

- Appliance claiming
- Device registration and setup
- Authentication and security
- Data lifecycle management
- Device management
- Alerts and remote monitoring

- Solution administration

### **Accelerate development and PoCs with production and non-production subscriptions**

Watson IoT Platform for Production subscription is available in various implementation sizes and scales:

- Sensor
- Consumer
- Enterprise
- Industrial

Watson IoT Platform also provides a non-production environment for developing application content and conducting Proofs of Concept (PoC). Watson IoT Platform for Non-Production is offered in a predefined environment at a fixed monthly subscription. This non-production environment can quickly conduct an IoT PoC and move development from non-production into production. Users can easily simulate device deployment; authenticate, claim, or register a device; create dashboards and groups; deploy alerts; and utilize at global scale.

The Watson IoT Platform Lite Plan on the IBM Cloud offers 500 registered devices, 500 application bindings, and 200 MB of each of data exchanged. This includes data analysis and edge data analysis at no charge.

### **Enrich and extend the Watson IoT Platform with optional add-ons**

Watson IoT Analytics service is an extension to the Watson IoT Platform. It enables line-of-business users to easily enrich, augment, and interact with the raw data that is originating from the IoT Platform with additional analytical measures and configurable business rules to get a better view of their operations and business. Watson IoT Analytics service:

- Offers support for creating, monitoring, and enforcing business-relevant analytic functions
- Provides a user interface that automates the workflow of gathering input data for analytic function calculation from multiple sources; defining input data to perform calculations; acting on the calculated values; and storing the calculated results
- Enables developers to create and publish custom analytic functions onto the catalog through a python-based API

Watson IoT Blockchain service is an extension to the Watson IoT Platform. It enables Internet of Things (IoT) and assets to validate provenance and events in a trusted, immutable ledger that is designed to increase trust and transparency across ecosystems.

The service enables IoT devices to send data to a private blockchain ledger that is shared by your business network. The secure blockchain provides peers with the capability to record transactions in a decentralized data log that is maintained on a network of computers. With the Watson IoT Blockchain service, you can use near real-time device data to achieve compliance, contract validation, and collaboration on a process or product that was delivered in the supply chain.

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## **Key prerequisites**

- Internet connection
- Browser

Information about key prerequisites is available in [IBM Knowledge Center](#).

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## **Planned availability date**

September 14, 2018

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## Accessibility by people with disabilities

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A US Section 508 Accessibility Compliance Report containing details on accessibility compliance can be found on the [Product accessibility information](#) website.

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## Program number

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Program number	VRM	Program name
5900-A0N	Cloud Service	IBM Watson IoT Platform

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## Offering Information

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Product information is available on the [IBM Offering Information](#) website.

More information is also available on the [Passport Advantage<sup>\(R\)</sup> and Passport Advantage Express<sup>\(R\)</sup>](#) website.

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## Publications

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No publications are shipped with this program.

Documentation is published in [IBM Knowledge Center](#).

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## Services

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### Software Services

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To learn more about IBM Software Services, contact your Lab Services Sales or Delivery Leader.

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## Technical information

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### Specified operating environment

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#### Hardware requirements

None

#### Software requirements

- Internet connection
- Browser

## Planning information

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### Packaging

This offering is delivered through the internet. There is no physical media.

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## Ordering information

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This product is only available through Passport Advantage. It is not available as shrinkwrap.

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Product group: Internet of Things

Product: IBM Watson IoT Platform

Product category: Internet of Things

### Passport Advantage

#### IBM Watson IoT Platform (5900-A0N)

The following part numbers are new.

Part Number	Part Number Description
D00TBZX	IBM Watson IoT Platform Production Analytics Million Events per Month
D00TCZX	IBM Watson IoT Platform Production Analytics Million Events Overage
D00TDZX	IBM Watson IoT Platform Analytics Non-Production Instance per Month

The following part numbers were previously announced. The part number descriptions have been updated to reflect the product name change.

Part Number	Part Number Description
D003AZX	IBM Watson IoT Platform Production Consumer 100 Client Devices per Month
D003BZX	IBM Watson IoT Platform Production Consumer 100 Client Devices Overage
D003CZX	IBM Watson IoT Platform Production Consumer Capacity Unit Pay Per Use
D003DZX	IBM Watson IoT Platform Production Enterprise Client Device per Month
D003EZX	IBM Watson IoT Platform Production Enterprise Client Device Overage
D003FZX	IBM Watson IoT Platform Production Enterprise Capacity Unit Pay Per Use
D003GZX	IBM Watson IoT Platform Production Industrial Client Device per Month
D003HZX	IBM Watson IoT Platform Production Industrial Client Device Overage
D003IZX	IBM Watson IoT Platform Production Industrial Capacity Unit Pay Per Use

Part Number	Part Number Description
D003JZX	IBM Watson IoT Platform Production Service Level Agreement
D00BQZX	IBM Watson IoT Platform Non-Production Instance per Month
D00BRZX	IBM Watson IoT Platform Production Sensor 1000 Client Devices per Month
D00BSZX	IBM Watson IoT Platform Production Sensor 1000 Client Devices Overage
D00BTZX	IBM Watson IoT Platform Production Sensor Capacity Unit Pay per Use
D00BUZX	IBM Watson IoT Platform Production Sensor Capacity Unit per Month
D00DDZX	IBM Watson IoT Platform Production Consumer Capacity Unit per Month
D00DEZX	IBM Watson IoT Platform Production Enterprise Capacity Unit per Month
D00DFZX	IBM Watson IoT Platform Production Industrial Capacity Unit per Month
D00M7ZX	IBM Watson IoT Platform Production on Blockchain Thousand Digital Messages per Month
D00M8ZX	IBM Watson IoT Platform Production on Blockchain Thousand Digital Messages Overage
D00M9ZX	IBM Watson IoT Platform Non-Production on Blockchain Instance per Month

### Charge metric

Definitions of the charge metrics for this cloud service can be found in the following Service Description document:

Program name	PID number	Service Description document number
IBM Watson IoT Platform	5900-A0N	7779

See the [Cloud Services terms](#) website to find the listed service description document number that corresponds to the date of this announcement. Select your language of choice and scroll down to the Charge Metrics section.

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Additional technical support information for this cloud service offering may be found in the [IBM Support Handbook](#) or in service-specific documentation.

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**Terms of Use**

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Cloud service offering-specific terms are available on the [Cloud Service terms](#) website.

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**Limited warranty**

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See the warranty defined in the applicable agreement governing client's acquisition for this offering.

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**Money-back guarantee**

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No

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**Volume orders (IVO)**

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No

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**Passport Advantage applies**

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Yes, information is available on the [Passport Advantage and Passport Advantage Express](#) website.

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**Software Subscription and Support applies**

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No

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**Variable charges apply**

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No

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**Educational allowance available**

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Not applicable.

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**Statement of good security practices**

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IT system security involves protecting systems and information through intrusion prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a regulatory compliant, comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective.

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**Prices**

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