Statement of direction: A cloud-hosted service is planned to enable a new generation of Internet of Things and machine-to-machine applications and solutions

Table of contents

1 Overview
2 Planned availability date
2 Announcement countries

Overview

This planned cloud offering expands existing IBM® capabilities for connecting the Internet of Things, influenced by capabilities found in IBM MessageSight (Software Announcement ZP13-0146, dated April 23, 2013). It will bring together a number of IBM technologies and initiatives into a single, cloud-hosted service, to enable a new generation of Internet of Things and machine-to-machine applications and solutions.

This offering plans to address device connectivity and storage of events by enabling new and existing systems to communicate with devices, and by acting as an enabler for the emerging world of real-time analytics. It will be designed to take the complexity out of device connectivity by making it simpler to enable and connect devices to the cloud. Once connected, delivery of messages and events to consuming applications and systems will be optimized.

IBM intends to provide near real-time delivery of events across a wide variety of networks to and from devices with analytics. A historian will be used to store the events for later analysis.

Planned capabilities include:

- A service hosted on the SoftLayer cloud
- The ability to work with a wide spectrum of devices across many industries (for example, industrial and electronic, retail, health, travel, and transportation)
- Scalable connectivity for small and large numbers of devices
- Use of the industry-standard, MQ Telemetry Transport (MQTT) protocol
- Registration of devices for access to the cloud service offering
- Ability for devices to produce and consume events and messages in near real time
- Interfaces to enable new and existing applications such as dashboards and analytics to consume messages from and deliver messages to devices

1 Softlayer is an IBM company.

Statements regarding IBM plans, directions, and intent are subject to change or withdrawal without notice at the sole discretion of IBM. Information regarding potential future products is intended to outline our general product direction and it should not be relied on in making a purchasing decision. The information mentioned regarding potential future products is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. Information about potential future products may not be incorporated into any contract. The development, release, and timing of any future features or functionality described for our products remains at the discretion of IBM.
**Planned availability date**

Clients and IBM Business Partners may submit an application to participate in the beta program for this offering when and if available. To apply:

- Contact your local IBM representative.
- Send an email to betaworks@uk.ibm.com

**Announcement countries**

All European, Middle Eastern, and African countries, except Syria, Sudan, and Iran.

**Trademarks**

IBM is a registered trademark of IBM Corporation in the United States, other countries, or both.

Other company, product, and service names may be trademarks or service marks of others.

**Terms of use**

IBM products and services which are announced and available in your country can be ordered under the applicable standard agreements, terms, conditions, and prices in effect at the time. IBM reserves the right to modify or withdraw this announcement at any time without notice. This announcement is provided for your information only. Reference to other products in this announcement does not necessarily imply those products are announced, or intend to be announced, in your country. Additional terms of use are located at:


For the most current information regarding IBM products, consult your IBM representative or reseller, or visit the IBM worldwide contacts page