Oracle® Cloud

What's New for Oracle Internet of Things Cloud Service

As soon as new or updated features become available, Oracle Internet of Things Cloud Service instances are upgraded in the data centers where Oracle Cloud services are hosted. You don't need to request an upgrade to be able to use the new features–they come to you automatically. To obtain the latest version of the Oracle Internet of Things Cloud Service client software, go to the Oracle Internet of Things Cloud Service client software downloads page (see below for more details). Here's an overview of new features and enhancements added recently to improve Oracle Internet of Things Cloud Service.

Topics:

Release 21.3.1 — July 2021

Feature	Description
Java API Reference for Oracle Internet of Things Cloud Service Gateway	The *Oracle® Cloud Java API Reference for Oracle Internet of Things Cloud Service Gateway* client software library has been removed as the Java Gateway Software is deprecated and no longer available for download. In addition, all corresponding documentation in the existing user guides has been removed.
New and Updated Documentation	The following new and updated documents are available in the Oracle Help Center: Miscellaneous updates were made to the existing user guides, to accommodate for bug fixes.

Release 21.2.1 — April 2021

Feature	Description
Create New Applications	The Create Application feature is now deprecated and will be removed in a future release.
New and Updated Documentation	The following new and updated documents are available in the Oracle Help Center: Miscellaneous updates were made to the existing user guides, to accommodate for bug fixes.

Release 21.1.1 — January 2021

Feature	Description
New and Updated Documentation	The following new and updated documents are available in the Oracle Help Center: - Miscellaneous updates were made to the existing user guide, to accommodate for bug fixes. - The REST API Reference for Oracle IoT Cloud Service has been updated. See REST API Reference.

Release 20.4.3 — December 2020

Feature	Description
Support for Explorations	The explorations feature is deprecated now and will be removed in a future release.
Import and Export Applications	Importing and exporting IoT Applications from the Management Console is deprecated and will be removed in a future release. Use this feature at the Organization level within an IoT Application.
New and Updated Documentation	The following new and updated documents are available in the Oracle Help Center: • Miscellaneous updates were made to the existing user guide, to accommodate for bug fixes. • The REST API Reference for Oracle IoT Cloud Service has been updated. See REST API Reference.

Release 20.4.1 — October 2020

Feature	Description
Java Gateway Software Deprecated	Oracle Internet of Things Java Gateway Software is deprecated and will no longer be supported or be available for download.
Support for Device Policies in the Oracle IoT Java Gateway Software	Device policies are supported by Java Gateway software, when enabled.
New and Updated Documentation	The following new and updated documents are available in the Oracle Help Center: • Miscellaneous updates were made to the existing user guide, to accommodate for bug fixes. • The REST API Reference for Oracle IoT Cloud Service has been updated. See REST API Reference.

Release 20.3.2 — July 2020

Feature	Description
Mbed Client Software Library Deprecated	Oracle Internet of Things Cloud Service mbed client software library is now deprecated and will no longer be supported or be available for download.

Feature	Description
New and Updated Documentation	The following new and updated documents are available in the Oracle Help Center: • Miscellaneous updates were made to the existing user guide, to accommodate for bug fixes. • The REST API Reference for Oracle IoT Cloud Service has been updated. See REST API Reference.

Release 20.3.1 — July 2020

Feature	Description
Support for Device Policies in Production Instances	The device policies feature which was in preview mode is now available in production server instances. You can create and enable device policies from the platform UI. Device policies are supported by Java Client Library and Android Client Library, when enabled. Device policies can also be used with the Oracle IoT OPC UA Gateway software, which is used to integrate an IoT application with an OPC UA Server.
MQTT Server Connector	You can now create and use an MQTT server connector to directly receive telemetry from MQTT devices.
New and Updated Documentation	The following new and updated documents are available in the Oracle Help Center: • Miscellaneous updates were made to the existing user guide, to accommodate for bug fixes. • The REST API Reference for Oracle IoT Cloud Service has been updated. See REST API Reference.

Release 20.2.2 — May 2020

Feature	Description
New and updated documentation	The following new and updated documents are available in the Oracle Help Center: • Miscellaneous updates were made to the existing user guide, to accommodate for bug fixes. • The REST API Reference for Oracle IoT Cloud Service has been updated. See REST API Reference.

Feature	Description

Release 20.2.1 — April 2020

Feature	Description
Connector Support for Multiple JSON Payloads in a Single Message	The connector can now handle multiple JSON payloads in a single POST request. The connector grammar dialog supports compound payloads through pre-defined mapping keys. You do not need to make any modifications to the interpreter configuration.
New and updated documentation	The following new and updated documents are available in the Oracle Help Center: • Miscellaneous updates were made to the existing user guide, to accommodate for bug fixes. • The REST API Reference for Oracle IoT Cloud Service has been updated. See REST API Reference.

Release 20.1.2 — March 2020

Feature	Description
New and updated documentation	The following new and updated documents are available in the Oracle Help Center: • Miscellaneous updates were made to the existing guides to accommodate for new features and bug fixes. • Miscellaneous updates were made to the existing user guide, reference documentation, and OBE tutorials to accommodate for bug fixes and changes in the client software libraries. • The REST API Reference for Oracle IoT Cloud Service has been updated. See REST API Reference.

Release 19.3.2 — August 2019

Feature	Description
Updates to the Oracle Internet of Things Cloud Service Client Libraries	For all the Oracle Internet of Things Cloud Service Client Libraries, their third party libraries have been updated as listed here: • **JavaScript Client Software Libraries** – NodeJS v10.15.3 – Debug v4.1.1 – JSDoc v3.6.1 – Node-Forge v0.8.2 – SQLite3 v4.0.6 – It now uses the E6 modules • **Python Client Software Libraries** – Python v3.7.3 – Pycryptodomex v3.8.1 – SQLite v? – URLLib v1.24.2 – Netifaces v0.10.9 • **Java Client Software Libraries** – Apache Derby v10.14.2.0 – JSON Parser v20180813 • **Android Client Software Libraries** – JSON Parser v20180813 • **C/CPP Client Software Libraries** – HTTP Parser v2.9.1 – JSON Parser v1.0.0 – OpenSSL v1.0.2s (RaspberryPi) – OpenSSL v1.1.1b (All platforms except RaspberryPi) – SQLite v3.27 – UMM Malloc v1.0.1 • **iOS Client Software Libraries** – SwiftyJSON v4.3.9
Updates to the Oracle Internet of Things Cloud Service Gateway Software	For handling JSON, the software has switched from `com.oracle.json` to `org.json` JSON parser v20180813 .
New and updated documentation	The following new and updated documents are available in the Oracle Help Center: • Miscellaneous updates were made to the existing guides to accommodate for new features and bug fixes. • Miscellaneous updates were made to the existing user guide, reference documentation, and OBE tutorials to accommodate for bug fixes and changes in the client software libraries. • The REST API Reference for Oracle IoT Cloud Service has been updated. See REST API Reference.

Release 19.1.5 — March 2019

Feature	Description
Updates to the Oracle Internet of Things Cloud Service Client Libraries	The following changes were made to all Oracle Internet of Things Cloud Service client libraries: • Removal of the methods and properties related to the time to live of storage objects. • Removal of the methods and parameters related to the immutability of storage objects. • Removal of the properties related to Write Once Read Many (WORM).
New and updated documentation	The following new and updated documents are available in the Oracle Help Center: • Miscellaneous updates were made to the existing guides to accommodate for new features and bug fixes. • Miscellaneous updates were made to the existing user guide, reference documentation, and OBE tutorials to accommodate for bug fixes and changes in the client software libraries. • The REST API Reference for Oracle IoT Cloud Service has been updated. See REST API Reference.

Release 19.1.1 — January 2019

Feature	Description
New and updated documentation	The following new and updated documents are available in the Oracle Help Center: • Miscellaneous updates were made to the existing guides to accommodate for new features and bug fixes. • Miscellaneous updates were made to the existing user guide, reference documentation, and OBE tutorials to accommodate for bug fixes and changes in the client software libraries. • The REST API Reference for Oracle IoT Cloud Service has been updated. See REST API Reference.

Release 18.4.5 — December 2018

Feature	Description
Connectors	Connectors let you directly connect devices and services to Oracle Internet of Things Cloud Service without using the Oracle Internet of Things Cloud Service Client Software Libraries. Connectors and interpreters created in Oracle Internet of Things Cloud Service let you connect devices that use a non-IP protocol such as LoRa or devices that are part of a third party cloud service. Currently, Connectors are limited to development environments for testing. Connectors functionality will be available in production environments in a future release.
User Management	The new Users dashboard lets you create and manage user accounts.
New and updated documentation	The following new and updated documents are available in the Oracle Help Center: • Miscellaneous updates were made to the existing guides to accommodate for new features and bug fixes. • Miscellaneous updates were made to the existing user guide, reference documentation, and OBE tutorials to accommodate for bug fixes and changes in the client software libraries. • The REST API Reference for Oracle IoT Cloud Service has been updated. See REST API Reference.

Release 18.4.1 — November 2018

Feature	Description
Python API Reference for Oracle Internet of Things Cloud Service Client Software Library	A Python API Reference for the Oracle Internet of Things Cloud Service client software library is now available.
New and updated documentation	The following new and updated documents are available in the Oracle Help Center: • Miscellaneous updates were made to the existing guides to accommodate for new features and bug fixes. • Miscellaneous updates were made to the existing user guide, reference documentation, and OBE tutorials to accommodate for bug fixes and changes in the client software libraries. • The REST API Reference for Oracle IoT Cloud Service has been updated. See REST API Reference.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

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