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Cloudera JDBC Driver for Impala Release Notes
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The release notes provide details of enhancements, features, workflow changes, and known issues in Cloudera JDBC Driver for Impala 2.6.12, as well as the version history.

2.6.12
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Released 2019-05-17

Resolved Issues

The following issues have been resolved in Cloudera JDBC Driver for Impala 2.6.12.

* [00142091][IMPJ-461] The driver casts empty strings to CHAR(0), causing issues on the server.

This issue has been resolved. The driver now casts empty strings to CHAR(1).

* [00141482][IMPJ-468] The driver executes UPSERT queries incorrectly, causing errors to be shown.

Workflow Changes
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The following changes may disrupt workflows from earlier versions.

2.6.1

* Removed support for JDBC 3 (Java 5)

Beginning with this release, the driver no longer supports JDBC 3 (Java 5). Only JDBC 4 (Java 6) and JDBC 4.1 (Java 7) are supported.

Version History

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2.6.11

Released 2019-04-30

Enhancements & New Features

* [00140475][IMPJ-453] Private IP address for Altus Service Discovery

The driver can now be configured to always use a private IP address with

Altus Service Discovery. To do this, set the `AltusUsePrivateIP` configuration property to true. For more information, see the Installation and Configuration Guide.

* [00141482][IMPJ-458] Improved performance of prepared statements with large numbers of parameters.

Preparing statements no longer takes exponentially more time for each parameter. Additionally, `DatabaseMetaData.supportsBatchUpdates()` now returns true.

* [00138441][IMPJ-443] Always pass UID parameter to server

If the UID parameter is specified in the connection URL, the driver now passes it to the server even when No Authentication is specified (`AuthMech=0`).

* [00140157][IMPJ-450] Thrift Support Update

The driver now uses version 0.12.0 of the Thrift library.

Resolved Issues

The following issues have been resolved in Cloudera JDBC Driver for Impala 2.6.11.

* [00141235][IMPJ-454] The driver incorrectly treats `SSLTrustStore` and `SSLTrustStorePWD` as server-side properties.

* [IMPJ-444] If a SQL query ends in a semicolon, the driver reports an error.

This issue has been resolved. The driver now removes trailing semicolons from queries before sending them to the server.

2.6.9

Released 2019-02-08

Enhancements & New Features

- * [IMPJ-448] Updated Impala and CDH support

The driver now supports Impala versions 1.0.1 through 3.1, and CDH versions 5.0 through 5.16 and 6.0 through 6.1.

Resolved Issues

The following issue has been resolved in Cloudera JDBC Driver for Impala 2.6.9.

- * [00137281][IMPJ-437] After a query fails on the server side, subsequent queries on driver side also fail.

2.6.8

Released 2019-01-25

Enhancements & New Features

- * [IMPJ-422] Support for Impala 3.0 and CDH 6.0

The driver now supports Impala versions 1.0.1 through 3.0, and CDH versions 5.0 through 6.0.

- * [00134274][IMPJ-419] UPSERT queries supported for Apache Kudu tables

You can now execute UPSERT queries when using prepared statements to query Kudu tables through Impala.

- * [IMPJ-415][IMPJ-420] Updated third-party libraries

The driver has been updated to use the following libraries:

- Hive Service RPC 3.1.1
- Apache ZooKeeper 3.4.13

* [IMPJ-433] Updated Altus SDK for Java

The driver now uses a newer version of the Altus SDK for Java, which provides protection against security vulnerabilities that have been found in the Jackson libraries.

* [IMPJ-427] Improved error messaging for Altus Service Discovery

The driver now provides more detailed messages for errors related to the Altus Service Discovery feature.

Resolved Issues

The following issue has been resolved in Cloudera JDBC Driver for Impala 2.6.8.

- * [00133349][IMPJ-402] When executing a statement that only contains a comment, the driver returns an error.

2.6.6

Released 2018-11-08

Enhancements & New Features

* [IMPJ-361] Improved scalar function support

The driver now defaults to the native implementations of scalar functions where they are supported by the Impala server.

* [IMPJ-403][IMPJ-413][IMPJ-416] Updated third-party libraries

The driver has been updated to use:

- Thrift 0.11.0
- Log4j 1.2.17
- slf4j-api and slf4j-log4j12 1.7.25

* [IMPJ-410] Dynamic service discovery through Cloudera Altus

The driver can now discover and connect to Impala services through Cloudera Altus. For detailed information about configuring this type of

connection,
see the Installation and Configuration Guide.

2.6.4

Released 2018-06-29

Enhancements & New Features

- * [IMPJ-397] Support for Impala 2.12 and CDH 5.15

The driver now supports Impala versions 1.0.1 through 2.12, and CDH versions 5.0 through 5.15.

Resolved Issues

The following issue was resolved in Cloudera JDBC Driver for Impala 2.6.4.

- * [00116966][IMPJ-386] Documentation for the SocketTimeout configuration option is incorrect.

2.6.3

Released 2018-04-18

Enhancements & New Features

- * [IMPJ-380] Updated Apache ZooKeeper library

The driver has been upgraded to use Apache ZooKeeper 3.4.11.

- * [IMPJ-381] Third-party license file

The driver package now includes the file third-party-licenses.txt. This text file contains the licenses for all third-party software used in the driver. The third-party license information is also available in the Installation and Configuration Guide.

Resolved Issues

The following issue has been resolved in Cloudera JDBC Driver for Impala

2.6.3.

- * [00115517][IMPJ-353] When attempting to close a statement that is already closed, the driver logs an error.

2.6.2

Released 2018-04-06

Enhancements & New Features

- * Updated Apache ZooKeeper library

The driver has been upgraded to use Apache ZooKeeper 3.4.7.

2.6.1

Released 2018-03-16

Enhancements & New Features

- * Improved installation process

Third-party libraries are now bundled with the driver as a shaded jar file.

- * Updated hive-service

The driver has been upgraded to use hive-service-2.0.1 with JDBC 4.1 and hive-service-1.1.1 for JDBC 4.

- * Updated third-party libraries

The driver has been upgraded to use http-client 4.5.3, http-core 4.4.6, commons-codec 1.9, and commons-logging 1.2.

Resolved Issues

The following issues were resolved in Cloudera JDBC Driver for Impala

2.6.1.

- * [00115543] A string literal after a back-tick (`) is treated as a comment.

* [00115424] When the driver attempts to connect to the server using Beeline, an error occurs on the server and an exception is logged by the driver.

This issue has been resolved. Now, when connecting to the server using Beeline, connection properties such as "driver" and "url" are no longer treated as configuration properties for the server, and the driver does not send SET queries to the server with these properties.

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Contact Us
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If you are having difficulties using the driver, our Community Forum (<http://community.cloudera.com>) may have your solution. In addition to providing user to user support, our forums are a great place to share your questions, comments, and feature requests with us.

If you are a Subscription customer you may also use the Cloudera Support Portal (<http://www.cloudera.com/content/cloudera/en/support/home.html>) to search the Knowledge Base or file a Case.

Important: To help us assist you, prior to contacting Cloudera Support please prepare a detailed summary of the client and server environment including operating system version, patch level, and configuration.