Cloudera ODBC Connector for Apache Hive Release Notes

The release notes provide details of enhancements, features, known issues, and workflow changes in Cloudera ODBC Connector for Apache Hive 2.10.1, as well as the version history.

This version of the connector supports the following data source versions and platforms:

* The Cloudera ODBC Connector for Apache Hive is expected to be compatible with all supported CDP and CDW versions.

* Windows 11; Windows Server 2016, 2019, 2022, 2025
* macOS 12, 13, 14, 15 (Universal Binary with Intel and ARM support)
* RHEL 8, 9, 10; SLES 15; Debian 11, 12, 13; Ubuntu 22.04, 24.04

2.10.1

Released 2026-07-17

Enhancements & New Features

* [HAR-1529][HAR-1534][HAR-1536][HAR-1538][HAR-1539] Updated third-party libraries

  The connector now uses the following third-party libraries:
  - Expat 2.8.2 (previously 2.7.3)
  - libcURL 8.21.0 (previously 8.18.0)
  - OpenSSL 3.5.7 (previously 3.0.19)
  - Thrift 0.23.0 (previously 0.17.0)
  - zlib 1.3.2 (previously 1.3.1)

Known Issues

The following are known issues that you may encounter due to limitations in the data source, the connector, or an application.

* [HAR-1171] The Hive server does not currently support using scientific notation for FLOAT type.

  As a workaround, to use scientific notation, cast the data to a DECIMAL. For example:

  SELECT CAST(3.33333e-07 AS DECIMAL)

* On Hive 3.0 and later, when the server does not set the metastore schema reader properly, the connector returns the following error:

  Error from server: error code: '0' error message:
  'MetaException(message:java.lang.UnsupportedOperationException:
  Storage schema reading not supported)'

  To resolve this issue, set the following in the Hive server:
  metastore.storage.schema.reader.impl=
  org.apache.hadoop.hive.metastore.SerDeStorageSchemaReader

Workflow Changes ==

The following changes may disrupt established workflows for the connector.

2.9.0 ----------

* [HAR-1477] Removed support for earlier platform versions

  Beginning with this release, the connector no longer supports the following platform versions:
  - Windows 10
  - CentOS 7
  - Oracle Linux 7.5 and 7.6
  - SUSE Linux Enterprise Server (SLES) 12
  - macOS 11 (Universal Binary with Intel and ARM support)

2.8.0 ----------

* [HAR-1400] Removed support for earlier versions of platform

  Beginning with this release, the connector no longer supports the following versions of platform:
  - Windows 8.1
  - Windows Server 2012
  - Debian 8 and 9
  - Red Hat Enterprise Linux (RHEL) 7
  - Ubuntu 18.04
  - IBM AIX 5.3 and 6.1

* [HAR-1392] Removed Visual Studio 2015 support

  Beginning with this release, the connector no longer supports Visual Studio 2015. For information about the supported Visual C++ Redistributable for Visual Studio versions, see the Installation and Configuration Guide.

2.7.0 ----------

* [HAR-1350] Removed support for macOS universal bitness

  Beginning with this release, the connector no longer supports universal bitness for macOS. Support for macOS versions 10.14 and 10.15 have been removed.

* [HAR-1346] Updated SAML SSO cookie cache option

  When using SAML SSO cookie cache with SAML SSO authentication, the username and password are required for non-Windows platform and are now optional for the Windows platform.

Version History ==========

2.9.1 ----------

Released 2026-02-20

Enhancements & New Features

* [HAR-1493][HAR-1503] Updated third-party libraries

  The connector now uses the following third-party libraries:
  - libcURL 8.18.0 (previously 8.16.0)
  - OpenSSL 3.0.19 (previously 3.0.18)

2.9.0 ----------

Released 2025-11-28

Enhancements & New Features

* [05313723][HAR-1459] Added support to ignore tables metadata from all schemas

  Added a new configuration to control whether SQLTables API calls that request metadata from all schemas should be ignored and return an empty result set. For more information, see the configuration option "Ignore Tables Metadata From All Schemas" in the Installation and Configuration Guide.

* [05364803][HAR-1462] Logging options UI enhancement

A warning message appears when users without the administrator permissions click Logging Options button. For more information, see the section "Configuring Logging Options in Windows" in the Installation and Configuration Guide.

* [HAR-1425][HAR-1477] Updated third-party libraries

The connector now uses the following third-party libraries:
- Boost 1.84.0 (previously 1.81.0)
- Expat 2.7.3 (previously 2.6.4)
- ICU 74.2 (previously 71.1)
- libcURL 8.16.0 (previously 8.12.1)
- lz4 1.10.0 (previously 1.9.4)
- OpenSSL 3.0.18 (previously 3.0.16)
- ZooKeeper 3.9.3 (previously 3.7.1)

* [HAR-1477] Updated platform support

The connector now supports the following platform versions:
- Windows Server 2025
- Debian 12 and 13
- Red Hat Enterprise Linux (RHEL) 10
- macOS 14 (Universal Binary with Intel and ARM support)
- macOS 15 (Universal Binary with Intel and ARM support)

Resolved Issues
The following issue has been resolved in the Cloudera ODBC Connector for Apache Hive 2.9.0.

* [05263003][HAR-1442] The connector does not return result sets for queries that include comments.

2.8.2 ----------

Released 2025-03-14

Enhancements & New Features

* [05133821][HAR-1412][HAR-1413][HAR-1414][HAR-1415][HAR-1425] Upgraded third party libraries

The connector now uses the following third-party libraries:
- Expat 2.6.4 (previously 2.6.2)
- libcurl 8.12.1 (previously 8.7.1)
- OpenSSL 3.0.16 (previously 3.0.13)
- RapidJSON custom version addressing CVE-2024-39684. (previously 1.1.0)

Resolved Issues
The following issue has been resolved in the Cloudera ODBC Connector for Apache Hive 2.8.2.

* [05133821][HAR-1425] The HTTP User-Agent header's thrift version is now updated from 0.9.0 to 0.17.0.

2.8.0 ----------

Released 2024-06-21

Enhancements & New Features

* [HAR-1400] Updated platform support

The connector now supports the following platform versions:
- Windows 11
- Windows Server 2022
- Debian 11
- Red Hat Enterprise Linux (RHEL) 8 and 9
- Ubuntu 22.04 and 24.04
- macOS 13 (Universal Binary with Intel and ARM support)
- IBM AIX 7.1 and 7.2

* [HAR-1392] Security updates

The connector has been updated with security improvements.

* [HAR-1392] Updated third-party libraries

The connector now uses the following third-party libraries:
- Expat 2.6.2 (previously 2.5.0)
- libcURL 8.7.1 (previously 8.1.2)
- OpenSSL 3.0.13 (previously 3.0.9)
- Zlib 1.3.1 (previously 1.2.13)

* [HAR-1392] Updated security flags

The following security flags have been used to improve security checks in the connector:
- /CETCOMPAT
- /CFG
- /Qspectre
- /SDL

2.7.0 ----------

Released 2023-06-23

Enhancements & New Features

* [HAR-1272] Updated Hive server version support

  The connector now supports Apache Hive server versions 1.0 through 3.1.3.

* [HAR-1350] Updated macOS support

  On macOS, the connector is now a Universal driver that natively supports Apple Silicon. For security best practices, it is suggested to keep both the connector and OS updated.

* [HAR-1344][HAR-1349][HAR-1351] Updated third-party libraries

  The connector now uses the following third-party libraries:
  - Apache Thrift 0.17.0 (previously 0.9.0)
  - Apache ZooKeeper 3.7.1 (previously 3.4.6)
  - Boost 1.81.0 (previously 1.64.0)
  - cyrus sasl 2.1.28 (previously 2.1.26)
  - Expat 2.5.0 (previously 2.4.6)
  - ICU 71.1 (previously 58.2.x)
  - libcURL 8.1.2 (previously 7.84.0)
  - lz4 1.9.4 (previously 1.9.3)
  - OpenSSL 3.0.9 (previously 1.1.1s)
  - Simba Engine SDK 10.2 (previously 10.1)
  - Zlib 1.2.13 (previously 1.2.11)

Resolved Issues
The following issues have been resolved in Cloudera ODBC Connector for Apache Hive 2.7.0.

* [00420434][HAR-1337] When in ZooKeeper discovery mode and a network error occurs, the connector does not connect to the same HS2 instance on a reconnecting attempt.

* [HAR-1325][HAR-1330] When executing a query with CREATE TABLE AS SELECT, the connector refers to a schema as an invalid table and returns an error.

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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.