AMAZON REDSHIFT

ODBC Data Connector Release Notes

The release notes provide details of enhancements, features, workflow changes, and known issues in Amazon Redshift ODBC Connector 1.6.5, as well as the version history.

Platform and Data Source Version Support

This version of the driver supports the following data source versions and platforms (Note: Platforms included with a distribution may vary according to what has been licensed):

Platform	Supported Versions
Windows	Windows 11, Windows Server 2025, 2022, 2019, 2016, 2012
macOS (Universal Binary – Intel and ARM)	14, 15, 26
Linux (x86 and x86_64)	RHEL 8/9/10, SLES 15/16, Debian 11/12/13, Ubuntu 22.04/24.04

Version 1.6.5

1.6.5

Released September 2026

Enhancements & New Features

- [PGODBC-1973] [PGODBC-1978] [PGODBC-1980] **Updated third-party libraries**

  The connector now uses the following third-party libraries:

  - `libcurl 8.22.0 (previously 8.21.0)`
  - `openssl 3.5.8 (previously 3.5.7)`
  - `expat 2.8.3 (previously 2.8.2)`

Known Issues

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

- **Limited support for stored procedures.**

  The connector does not support parameterized procedure call queries if there is more than one procedure of different argument types that share the same name in the server.

- **Timestamps do not accept negative values.**

  The connector does not support the use of negative values in timestamps.

Workflow Changes

The following changes may disrupt established workflows for the connector.

Version 1.6.2

- **[PGODBC-1877][PGODBC-1830] Removed support for earlier versions of operating systems**

  Beginning with this release, the connector no longer supports the following operating systems:

  - Windows 10
  - macOS 12, 13

Version 1.6.1

- **Removed Ubuntu support**

  Beginning with this release, the connector no longer supports Ubuntu 20.04.

Version 1.6.0

- **[PGODBC-1660] Removed support for earlier versions of operating systems**

  Beginning with this release, the connector no longer supports the following operating systems:

  - CentOS 8
  - macOS 11
  - Oracle Linux 7.5
  - SUSE Linux Enterprise Server (SLES) 12

Version 1.5.15

- **Removed support for earlier versions of operating systems**

  Beginning with this release, the connector no longer supports the following operating systems:

  - CentOS 7
  - Debian 8, 9, and 10
  - RHEL 7
  - Ubuntu 16.04 and 18.04

Version 1.5.13

- **Removed support for Visual Studio 2015**

Beginning with this release, support for Visual C++ Redistributable for Visual Studio 2015 has been removed. For supported versions, see the Installation and Configuration Guide.

Version 1.5.7

- **Removed support for Windows 8.1**

  Beginning with this release, the connector no longer supports Windows 8.1.

Version History

Version 1.6.4

> **1.6.4**

Released August 2026

Enhancements & New Features

- **[PGODBC-1965] Updated third-party libraries**

  The connector now uses the following third-party libraries:

  - `libcurl 8.21.0 (previously 8.18.0)`
  - `openssl 3.5.7 (previously 3.0.19)`
  - `expat 2.8.2 (previously 2.7.3)`
  - `Zlib 1.3.2 (previously 1.3.1)`

- **[PGODBC-1710] Updated SLES version support**

  The connector now supports SLES 16.

Resolved Issues

The following issues have been resolved in Amazon Redshift ODBC Connector 1.6.4.

> [PGODBC-1939] Removed hardcoded curl User-Agent string curl/8.7.1 to resolve CVE alerts.

Version 1.6.3

> **1.6.3**

Released March 2026

Enhancements & New Features

- **[PGODBC-1899] 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)`

Version 1.6.2

1.6.2

Released December 2025

Enhancements & New Features

- [PGODBC-1827] [PGODBC-1806] [PGODBC-1837] [PGODBC-1832] **Updated platform support**

  The connector now supports the following platform versions:

  - Debian 13
  - Red Hat Enterprise Linux (RHEL) 10
  - macOS 15, 26

- [PGODBC-1887] **Updated third-party libraries**

  The connector now uses the following third-party libraries:

  - icu 74.2 (previously 71.1)
  - libcurl 8.16.0 (previously 8.12.0)
  - openssl 3.0.18 (previously 3.0.16)
  - expat 2.7.3 (previously 2.7.1)

Version 1.6.1

1.6.1

Released September 2025

Enhancements & New Features

- [PGODBC-1781] **Updated Windows Server support**

  The connector now supports Windows Server 2025.

Resolved Issues

The following issues have been resolved in Amazon Redshift ODBC Connector 1.6.1.

> [PGODBC-1835] Redshift becomes unresponsive after SQLExecute() when the Declare/Fetch option is enabled.

> [PGODBC-1846] SSL peer certificate or SSH remote key was not OK.

Version 1.6.0

1.6.0

Released April 2025

Enhancements & New Features

- [PGODBC-1703] **Updated SEN SDK support**

  The connector now uses SEN SDK version 10.3. Previously, the connector used SEN SDK version 10.2.

- [PGODBC-1755] [PGODBC-1756] [PGODBC-1757] [PGODBC-1766] **Updated third-party libraries**

  The connector now uses the following third-party libraries:

  - Expat 2.6.4 (previously 2.6.3)
  - libcurl 8.12.0 (previously 8.10.1)
  - libpq 14.16 (previously 14.2)
  - OpenSSL 3.0.16 (previously 3.0.15)

- [PGODBC-1773] **Updated support for multiple operating systems**

  The connector now supports the following operating systems:

  - Debian 12
  - macOS 13 and 14
  - RHEL 9

Version 1.5.20

1.5.20

Released October 2024

Enhancements & New Features

- **Updated third-party libraries**

  The connector now uses the following third-party libraries:

  - Expat 2.6.3 (previously 2.6.2)
  - LibCurl 8.10.1 (previously 8.7.1)
  - OpenSSL 3.0.15 (previously 3.0.13)

- **Group Federation Support in JwtIamAuthPlugin**

  The connector now supports Group Federation in JwtIamAuthPlugin. For more information, see the Installation and Configuration Guide.

Version 1.5.16

1.5.16

Released July 2024

Enhancements & New Features

- **Updated Ubuntu version support**

  The connector now supports Ubuntu 24.04.

- **Updated third-party libraries**

  The connector now uses the following third-party libraries:

  - `Expat 2.6.2 (previously 2.6.0)`
  - `LibCurl 8.7.1 (previously 8.6.0)`

- **Updated AWS SDK support**

  On Windows, the HTTP client in AWS SDK is now libcurl. Previously, it was WinHTTP.

Resolved Issues

The following issues have been resolved in Amazon Redshift ODBC Connector 1.5.16.

> On Windows, when authenticating with AWS IAM Credentials, the connector returns a "Encountered network error when sending http request" error message.

> When the enable_case_sensitive_identifier server configuration is enabled, SQLTables() returns an error.

> When using ADFS with WIA, the connector returns a "Conversion from string to number failed with value" error message.

Version 1.5.13

1.5.13

Released March 2024

Enhancements & New Features

- **Updated third-party libraries**

  The connector now uses the following third-party libraries:

  - `Expat 2.6.0 (previously 2.5.0)`
  - `LibCurl 8.6.0 (previously 8.4.0)`
  - `OpenSSL 3.0.13 (previously 3.0.11)`
  - `Zlib 1.3.1 (previously 1.2.11)`

- **Updated Visual Studio support**

  The connector now uses Windows Visual Studio 2022. For supported versions, see the Installation and Configuration Guide.

Resolved Issues

The following issue has been resolved in Amazon Redshift ODBC Connector 1.5.13.

> In ODBC 2.0, when SQLProcedureColumns is called, the SEQ_IN_INDEX column is incorrectly named.

Version 1.5.9

1.5.9

Released November 2023

Enhancements & New Features

- **Updated third-party libraries**

  The connector now uses the following third-party libraries:

  - `AWS SDK 1.11.6 (previously 1.9.362)`
  - `LibCurl 8.4.0 (previously 8.1.2)`
  - `OpenSSL 3.0.11 (previously 3.0.9)`

- **JWT IAM Auth authentication support**

  You can now authenticate your connection with a JSON Web Token IAM authentication (JWT IAM Auth). To do this, select JWT IAM Auth Plugin authentication from the Auth Type drop-down list (set the Auth Type property to JWT IAM Auth authentication). For more information, see the Installation and Configuration Guide.

- **First Adapter support**

  When using PingFederate authentication, the connector now supports First Adapter Identifier.

- **Internal security related improvements**

  The connector has been updated with security related improvements.

Resolved Issues

The following issue has been resolved in Amazon Redshift ODBC Connector 1.5.9.

> In some cases, custom SQLState overrides to SQLState S1000 for errors and 01000 for warnings.

> The connector computes the value returned for SQL_DESC_OCTET_LENGTH from the IRD (and thus also SQLColAttribute) for character types by using the maximum size of a codepoint, instead of the size of a code unit. For both wide and non-wide types, the column size was previously used directly for non-wide types as the code unit size was assumed to be 1.

Version 1.5.7

1.5.7

Released September 2023

Enhancements & New Features

- **Updated endpoint support**

  You can now override the Amazon Redshift endpoint when using IAM authentication. To do this, in the VPC Endpoint URL field specify the endpoint URL (set the VpcEndpointUrl property). For more information, see the Installation and Configuration Guide.

- **Updated third-party libraries**

  The connector has been updated to use the following libraries:

  - `AWS SDK 1.9.362 (previously 1.9.136)`
  - `ICU 71.1.x (previously 58.3.x)`
  - `Expat 2.5.0 (previously 2.4.6)`
  - `libcurl 8.1.2 (previously 7.78.0)`
  - `OpenSSL 3.0.9 (previously 1.1.1q)`
  - `Zlib 1.2.13 (previously 1.2.11)`

  For OpenSSL, the certificates used for identity providers might need to be regenerated since some encryption algorithms have been deprecated in OpenSSL 3.

- **Updated platform support**

  The connector now supports the following versions:

  - `Debian 10 and 11`
  - `Ubuntu 22.04`
  - `Windows 11`
  - `Windows Server 2022`

Resolved Issues

The following issues have been resolved in Amazon Redshift ODBC Connector 1.5.7.

> In some cases, when calling SQLColumns, the connector returns a " invalid input syntax for integer: "" " error message.

> When calling SQLColumns for datasharing external tables, the connector returns incorrect values for the NULLABLE and IS_NULLABLE columns.

> When calling SQLColumns, the connector returns different metadata between local and external tables.

Contact Us

For support, check the Amazon Redshift Forum at
https://forums.aws.amazon.com/forum.jspa?forumID=155

or open a support case using the AWS Support Center at
https://aws.amazon.com/support