Qlik Replicate Support Matrix

In this section:

In addition to providing a complete list of the source and target endpoints supported by Qlik Replicate, the Support Matrix also provides information about which platforms (Windows/Linux) are supported by Qlik Replicate.

Note that depending on your license, some of the listed endpoints may not be available in your version of Qlik Replicate.

For each certified major version of a supported endpoint, Qlik performs a complete set of compatibility tests on one minor version in the same release family. Once certified, any minor versions in that family will also be supported, providing backward compatibility with the major version is preserved. For example, Oracle 19.x means that Oracle 19.0, 19.3 and 19.5 are supported as well.

If an incompatibility is discovered in a minor version, a note to this effect will be added to the Support Matrix until such time the issue is resolved.

1 Supported platforms

This topics provides information about supported Replicate platforms.

1.1 Supported Windows platforms

Qlik Replicate can be installed on any of the following Windows platforms:

- Windows Server 2016 (64-bit)
- Windows Server 2019 (64-bit)
- Windows Server 2022 (64-bit)

1.2 Supported Linux platforms

Qlik Replicate can be installed on any of the following Linux platforms or any corresponding and compatible Linux distribution, such as CentOS:

- Red Hat Enterprise Linux 8.x (64-bit)
- Red Hat Enterprise Linux 9.x (64-bit)

Red Hat Enterprise Linux 9.x is supported from Replicate November 2023 Service Release 01 only.

2 Supported source endpoints

This section lists the source endpoint versions supported by Replicate, according to endpoint type.

2.1 Cloud-based

Supported Cloud-based sources

Endpoint	Supported versions	Windows	Red Hat Linux
Amazon Aurora MySQL Supported via the MySQL source endpoint.	Same as the MySQL source endpoint.	✓	✓
AWS Aurora Cloud for PostgreSQL	Same as the PostgreSQL source	✓	✓
Amazon RDS for MySQL	Same as the MySQL source endpoint.	✓	✓
Amazon RDS for MariaDB Supported via the MySQL source endpoint.	Same as the MySQL source endpoint	✓	✓
Amazon RDS for PostgreSQL	Same as the PostgreSQL source endpoint.	✓	✓
Amazon RDS for SQL Server	Same as the Microsoft SQL Server source endpoint (starting from 2014)	✓	✓
Amazon RDS for Oracle Supported via the Oracle source endpoint.	Same as the Oracle source endpoint (starting from 11.2)	✓	✓
Google Cloud SQL for MySQL	Same as the MySQL source endpoint	✓	✓

Endpoint	Supported versions	Windows	Red Hat Linux
Google Cloud SQL for PostgreSQL	Same as the PostgreSQL source endpoint	✓	✓
Google Cloud SQL for SQL Server	Same as the Microsoft SQL Server source endpoint	✓	✓
Google Cloud AlloyDB for PostgreSQL	Same as the PostgreSQL source endpoint	✓	✓
Microsoft Azure SQL Managed Instance • Use the **Microsoft Azure SQL (MS-CDC)** endpoint to capture changes using MS-CDC. This is the recommended method of capturing changes. • Use the **Microsoft Azure SQL Managed Instance** endpoint to capture changes from the logs.	Same as the Microsoft SQL Server source endpoint.	✓	✓
Microsoft Azure SQL Database Supported via the Microsoft Azure SQL (MS-CDC) endpoint.	Same as the Microsoft SQL Server source endpoint.	✓	✓
Microsoft Azure Database for MySQL	Same as the MySQL source endpoint (starting from 8.0)	✓	✓
Microsoft Azure Database for MySQL - Flexible Server Supported via the MySQL source endpoint.	N/A	✓	✓
Microsoft Azure Database for PostgreSQL Supported via the PostgreSQL source endpoint.	Same as the PostgreSQL source endpoint	✓	✓
Microsoft Azure Database for PostgreSQL - Flexible Server Supported via the PostgreSQL source endpoint.	N/A	✓	✓
MongoDB Atlas Supported via the MongoDB (Standard) source endpoint.	Same as the MongoDB (Standard) source endpoint.	✓	✓

Endpoint	Supported versions	Windows	Red Hat Linux
Oracle on Oracle Cloud Supported via the Oracle source endpoint.	Same as the Oracle source endpoint (starting from 11.2)	✓	✓
Salesforce (Streaming CDC)	N/A	✓	✓
Salesforce (Incremental Load)	N/A	✓	✓

2.2 ARC-based

Supported ARC-based sources

Endpoint	Supported Versions	Windows	Red Hat Linux
IBM IMS (ARC)	**IBM z/OS:** 2.3 and 2.4 **IMS:** 13, 14, and 15.x	✓	✓
IBM VSAM Batch (ARC)	**IBM z/OS:** 2.3	✓	✓

2.3 File

Supported file-based sources

Endpoint	Supported Versions	Windows	Red Hat Linux
File	N/A	✓	✓
File Channel	N/A	✓	✓

2.4 Relational databases

Supported relational database sources

Endpoint	Supported Versions	Windows	Red Hat Linux
IBM DB2 for LUW	10.5, 11.1, and 11.5 *10.5 with fix pack 5 is not supported.*	✓	✓

Endpoint	Supported Versions	Windows	Red Hat Linux
IBM DB2 for z/OS	**DB2:** 12.1 and 13.1 **IBM z/OS:** 2.3, 2.4, and 2.5	✓	✓
IBM DB2 for iSeries	7.2, 7.3, 7.4, and 7.5	✓	✓
IBM Informix	12.1 and 14.10	✓	
Microsoft SQL Server	2014, 2016, 2017, 2019, and 2022	✓	✓
Microsoft SQL Server (MS-CDC)	2014, 2016, 2017, 2019, and 2022	✓	✓
MySQL	5.7 and 8.0	✓	✓
MariaDB Supported via the MySQL source endpoint.	10.4 to 10.11	✓	✓
Percona Supported via the MySQL source endpoint.	Same as the MySQL source endpoint	X	✓
Oracle	12.x, 18.x, 19.x, and 21c *If you set the Oracle compatibility parameter, make sure you specify a version supported by Replicate. For example, if you are working with version 12.x, you cannot set an earlier version as the compatibility version.*	✓	✓
PostgreSQL	11.x, 12.x, 13.x, 14.x, and 15.x	✓	✓
SAP Sybase ASE	16	✓	✓
SAP HANA	2.0	✓	✓

2.5 Data warehouses

Supported data warehouse sources

Endpoint	Supported Versions	Windows	Red Hat Linux
Teradata Database	17.x	✓	✓

2.6 ODBC

The ODBC and ODBC with CDC source endpoints can be used to access sources that are not included in Qlik Replicate's extensive Support Matrix. However, unless enabled through Professional Services and approved by your Account Manager, ODBC source endpoint types should not be used. Additionally, ODBC source endpoint types should not be used to access any sources already listed in the Support Matrix.

Supported ODBC sources

Endpoint	Supported Versions	Windows	Red Hat Linux
ODBC	3.0, 3.5 and 3.8	✓	✓
ODBC with CDC	3.0, 3.5 and 3.8	✓	✓

2.7 NoSQL

Supported NoSQL sources

Endpoint	Supported Versions	Windows	Red Hat Linux
MongoDB (Standard)	4.4, 5.x, and 6.x	✓	✓

2.8 Other

Other supported sources

Endpoint	Supported Versions	Windows	Red Hat Linux
SAP Application	Supported backend endpoints: • Microsoft SQL Server • Oracle • IBM DB2 for LUW • SAP HANA See Relational Databases above for version and platform information.	✓	✓

Endpoint	Supported Versions	Windows	Red Hat Linux
SAP Application (DB)	Supported backend endpoints: • Oracle • Microsoft SQL Server • IBM DB2 for LUW • IBM DB2 for z/OS • SAP HANA See Relational Databases above for version and platform information.	✓	✓
SAP Extractor	N/A	✓	✓
SAP ODP	The SAP ODP endpoint uses ODP API 2.0 which is available from the following SAP basis levels and above: • PI_BASIS 730 SP 14 (part of SAP NetWeaver 7.30 SP 14) • PI_BASIS 731 SP 16 (part of SAP NetWeaver 7.03 SP 16 and 7.31 SP 16) • PI_BASIS 740 SP 11 (part of SAP NetWeaver 7.40 SP 11) • SAP_BW 750 SP 0 (incl. former PI_BASIS packages) *SAP_BASIS and PI_BASIS are interchangeable. In newer systems, the component name is SAP_BASIS.* For more information, see SAP Note 1931427. For information on how to release extractors so that they are available for the ODP API, see SAP Note 2232584.	✓	✓

2.9

3 Supported target endpoints

This section lists the target endpoint versions supported by Qlik Replicate, according to endpoint type.

3.1 Cloud-based

Cloud-based supported target endpoints

Endpoint	Supported Versions	Windows	Red Hat Linux
Amazon Aurora MySQL Supported via the MySQL target endpoint.	Same as the MySQL target endpoint.	✓	✓
Amazon Aurora PostgreSQL Supported via the PostgreSQL target endpoint.	Same as the PostgreSQL target endpoint.	✓	✓
Amazon MSK	N/A	✓	✓
Amazon RDS for MariaDB Supported via the MySQL target endpoint.	Same as the MySQL target endpoint.	✓	✓
Amazon RDS for MySQL Supported via the MySQL target endpoint.	Same as the MySQL target endpoint	✓	✓
Amazon RDS for SQL Server Supported via the Microsoft SQL Server target endpoint.	Same as the Microsoft SQL Server target endpoint (starting from 2014)	✓	✓
Amazon RDS for Oracle Supported via the Oracle target endpoint.	Same as the Oracle target endpoint (starting from 11.2)	✓	✓
Amazon RDS for PostgreSQL Supported via the PostgreSQL target endpoint.	Same as the PostgreSQL target endpoint.	✓	✓

Endpoint	Supported Versions	Windows	Red Hat Linux
Amazon Redshift	N/A	✓	✓
Snowflake on AWS (S3 storage)	N/A	✓	✓
Snowflake on AWS (Snowflake storage)	N/A	✓	✓
Snowflake on Azure (Azure Blob storage)	N/A	✓	X
Snowflake on Azure (Snowflake storage)	N/A	✓	✓
Snowflake on Google (Google Cloud Storage)	N/A	✓	✓
Amazon S3	N/A	✓	✓
Amazon EMR	5.x (starting from 5.2.x) and 6.x	✓	✓
Google Cloud SQL for MySQL	Same as the MySQL target endpoint.	✓	✓
Google Cloud SQL for PostgreSQL	Same as the PostgreSQL target endpoint	✓	✓
Google Cloud AlloyDB for PostgreSQL	Same as the PostgreSQL target endpoint	✓	✓
Google Cloud Storage	N/A	✓	✓
Google Cloud BigQuery	N/A	✓	✓
Google Dataproc	1.x (starting from 1.2) and 2.x	✓	✓
Google Cloud SQL for SQL Server	Same as the Microsoft SQL Server target endpoint.	✓	✓
Microsoft Azure SQL Synapse Analytics (Blob storage)	N/A	✓	X
Microsoft Azure SQL Synapse Analytics (Data Lake Storage Gen2)	N/A	✓	✓
Microsoft Azure SQL Database	Same as the Microsoft SQL Server target endpoint.	✓	✓
Microsoft Azure SQL Managed Instance Supported via the Microsoft SQL Server target endpoint.	Same as the Microsoft SQL Server target endpoint.	✓	✓
Microsoft Azure Database for MySQL	Same as the MySQL target endpoint	✓	✓

Endpoint	Supported Versions	Windows	Red Hat Linux
Microsoft Azure Database for MySQL - Flexible Server Supported via the MySQL target endpoint.	N/A	✓	✓
Microsoft Azure Database for PostgreSQL	Same as the PostgreSQL target endpoint	✓	✓
Microsoft Azure Database for PostgreSQL - Flexible Server Supported via the PostgreSQL target endpoint.	N/A	✓	✓
Microsoft Fabric Data Warehouse	N/A	✓	✓

Databricks (Cloud Storage)
 	
Databricks implementations supported via the Databricks (Cloud Storage) endpoint:
• Databricks on AWS
• Databricks on Google Cloud Platform
• Microsoft Azure Databricks
	• All-purposes (Interactive) cluster:
	  • 9.1 LTS
	  • 10.4 LTS
	  • 11.3 LTS
	  • 12.2 LTS
	  • 13.3 LTS
	• SQL Warehouse cluster
	• Databricks SQL Serverless
		✓	✓

Databricks Lakehouse (Delta)	• All-purposes (Interactive) cluster:
	  • 9.1 LTS
	  • 10.4 LTS
	  • 11.3 LTS
	  • 12.2 LTS
	  • 13.3 LTS
	• SQL Warehouse cluster
	• Databricks SQL Serverless
		✓	✓

Netezza Performance Server (NPS)	N/A	✓	X
Microsoft Azure ADLS (Data Lake Storage Gen1 or Data Lake Storage Gen2)	N/A	✓	✓
Microsoft Azure HDInsight (Blob, Data Lake Storage Gen1, or Data Lake Storage Gen2)	4.x and 5.x	✓	✓

Endpoint	Supported Versions	Windows	Red Hat Linux
Oracle Autonomous Data Warehouse Supported via the Oracle target endpoint.	Same as the Oracle target endpoint (starting from Oracle 18.x)	✓	✓
Oracle on Oracle Cloud Supported via the Oracle target endpoint.	Same as the Oracle target endpoint (starting from Oracle 12.2)	✓	✓
Teradata Vantage Supported via the Teradata target endpoint.	17.x	✓	✓

3.2 Streaming

Streaming supported target endpoints

Endpoint	Supported Versions	Windows	Red Hat Linux
Kafka **Certified with the following Schema Registry servers:** • Confluent Cloud • Confluent Schema Registry 6.x, and 7.x • Cloudera Schema Registry (based on Hortonworks)	2.x, 3.x	✓	✓
Confluent Cloud for Kafka Supported via the Kafka target endpoint *Although the Kafka target endpoint supports working with Confluent Cloud, customers who are not already using it this way should use the dedicated Confluent Cloud target endpoint instead.*	N/A	✓	✓
Confluent Cloud	N/A	✓	✓
Microsoft Azure Event Hubs	N/A	✓	X
Amazon Kinesis Data Streams	N/A	✓	✓
Google Cloud Pub/Sub	N/A	✓	✓

3.3 File-based

File-based supported target endpoints

Endpoint	Supported Versions	Windows	Red Hat Linux
File	N/A	✓	✓
File Channel	N/A	✓	✓

3.4 Hadoop

Hadoop supported target endpoints

Endpoint	Supported Versions	Windows	Red Hat Linux
Hadoop - Cloudera	7.x	✓	✓
Hadoop - Hortonworks	3.x (starting from 3.1)	✓	✓
Hortonworks Data Platform (HDP)	3.x (starting from 3.1)	✓	✓
Cloudera Data Platform (CDP) Private Cloud	7.x	✓	✓

3.5 Data warehouses

Data warehouses supported target endpoints

Endpoint	Supported Versions	Windows	Red Hat Linux
Teradata Database	17.x	✓	✓
SingleStore	8.1.x	✓	✓

3.6 Relational databases

Relational databases supported target endpoints

Endpoint	Supported Versions	Windows	Red Hat Linux
IBM DB2 for z/OS	**DB2:** 12, 12.1, and 13.1 **IBM z/OS:** 2.3, 2.4, and 2.5	✓	✓

Endpoint	Supported Versions	Windows	Red Hat Linux
Microsoft SQL Server	2014, 2016, 2017, 2019, and 2022	✓	✓
MySQL	5.7 and 8.0	✓	✓
MariaDB Supported via the MySQL target endpoint.	10.4 to 10.11	✓	✓
Oracle	12.x, 18.x, 19.x, and 21c	✓	✓
PostgreSQL	11.x, 12.x, 13.x, 14.x, and 15.x	✓	✓
SAP Sybase ASE	16.x	✓	X
SAP HANA	2.0	✓	✓

3.7 ODBC

The ODBC target endpoint, can be used to access targets that are not included in Qlik Replicate's extensive Support Matrix. However, unless enabled through Professional Services and approved by your Account Manager, the ODBC target endpoint should not be used. Additionally, the ODBC target endpoint should not be used to access any targets already listed in the Support Matrix.

ODBC supported target endpoints

Endpoint	Supported Versions	Windows	Red Hat Linux
ODBC	3.0, 3.5 and 3.8	✓	✓

4 Endpoints supported in bidirectional replication

Bidirectional tasks support the following endpoints:

Source Endpoints:

- Amazon RDS for MySQL
- Amazon RDS for PostgreSQL
- Amazon RDS for SQL Server
- AWS Aurora Cloud for PostgreSQL
- File Channel
- Google Cloud SQL for MySQL
- Google Cloud SQL for SQL Server
- Google Cloud SQL for PostgreSQL
- Google Cloud AlloyDB for PostgreSQL
- IBM DB2 for iSeries
- IBM DB2 for LUW
- IBM DB2 for z/OS
- Microsoft Azure Database for MySQL
- Microsoft Azure SQL (MS-CDC)
- Microsoft Azure SQL Managed Instance
- Microsoft SQL Server
- Microsoft SQL Server (MS-CDC)
- MySQL
- Oracle
- PostgreSQL
- SAP Sybase ASE

Target Endpoints:

- File Channel
- Google Cloud SQL for MySQL
- Google Cloud SQL for PostgreSQL
- Google Cloud AlloyDB for PostgreSQL
- IBM DB2 for z/OS
- Microsoft SQL Server
- Microsoft Azure SQL Database
- Microsoft Azure Database for MySQL
- MySQL
- ODBC
- Oracle

- PostgreSQL
- SAP Sybase ASE

5 Supported browsers

The following browsers are supported:

- Microsoft Edge (with automatic updates turned on)
- Mozilla Firefox (with automatic updates turned on)
- Google Chrome (with automatic updates turned on)

Displaying the console in a window that spans multiple vertical windows is not supported.