

# Qlik Replicate Support Matrix

The Qlik Replicate Support Matrix lists which source and target endpoint versions can be used in an Qlik Replicate task as well as on which platforms Qlik Replicate can be installed.

**In this appendix:**

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## Supported Platforms

### Supported Windows Platforms

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

- » Windows Server 2008 R2 (64-bit)
- » Windows Server 2012 (64-bit)
- » Windows Server 2012 R2 (64-bit)
- » Windows Server 2016 (64-bit)
- » Windows Server 2019 (64-bit)

### Supported Linux Platforms

Attunity Replicate can be installed on the following Linux platforms:

- » Red Hat Enterprise Linux 6.8, 7.4, 7.5 and 7.6 (64-bit)

**Note** Although Attunity Replicate is certified on Red Hat, it is fully supported on any compatible OS (such as the corresponding CentOS and Amazon Linux versions) as well.

## Supported Source Endpoints

The table below lists the source endpoint versions supported by Attunity Replicate.

Endpoint	Version	Windows	Red Hat Linux
<b>Cloud-Based</b>			
Amazon Aurora MySQL	N/A	✓	✓
Supported via the <a href="#">MySQL source endpoint</a> .			
Amazon RDS for MySQL	5.5, 5.6, 5.7, and 8.0.11	✓	✓
Amazon RDS for MariaDB	10.3.8	✓	✓
Supported via the <a href="#">MySQL source endpoint</a> .			
Amazon RDS for PostgreSQL	9.4.x - 10.6, and 11.1-11.5	✓	✓
Amazon RDS for SQL Server	2008 R2, 2012, 2014, 2016, and 2017	✓	✓
Amazon RDS for Oracle	11.2.0.2.v7	✓	✓
Supported via the <a href="#">Oracle source endpoint</a> .			
Microsoft Azure SQL Managed Instance	N/A	✓	✓
Google Cloud SQL for PostgreSQL	9.6	✓	✓
Google Cloud SQL for MySQL	5.5, 5.6, and 5.7	✓	✓

Endpoint	Version	Windows	Red Hat Linux
Salesforce	N/A	✓	✓
<div style="border: 1px solid gray; padding: 5px; margin: 5px 0;"> <p><b>Note</b> Currently in beta status. If you wish to use this endpoint, please contact your Attunity account manager.</p> </div>			
<b>ARC-Based</b>			
HP Nonstop SQL/MP (AIS)	<b>Himalaya:</b>	✓	✓
HP Nonstop Enscribe (AIS)	G06.32 <b>Itanium:</b> H06.22/J06.14		
OpenVMS RMS (AIS)	<b>Alpha:</b> 8.3 <b>Itanium:</b> 8.3	✓	✓
IBM IMS (ARC)	<b>IBM z/OS:</b> 2.1, 2.2, and 2.3 <b>IMS:</b> 13, 14, and 15	✓	✓
IBM VSAM Batch (ARC)	<b>IBM z/OS:</b> 2.1, 2.2, and 2.3	✓	✓
<b>File</b>			
File	N/A	✓	✓
File Channel	N/A	✓	✓
<b>Hadoop</b>			
Hadoop - Cloudera	5.5, 5.6, 5.7, 5.8, 5.9, 5.10, 5.11, 5.12, 5.13, 5.14, and 5.15	✓	✓

Endpoint	Version	Windows	Red Hat Linux
Hadoop - Hortonworks	2.2.x, 2.3.x, 2.4.x, 2.5.x, and 2.6.x	✓	✓
Hadoop - MapR	4.0, 4.1, 5.0, 5.1, 5.2, and 6.0	✓	✓
<b>Relational Databases</b>			
IBM DB2 for LUW	9.7 Fix Pack 1 or above, 10.1, 10.5, and 11.1	✓	✓
	<div style="border: 1px solid gray; border-radius: 10px; padding: 5px; background-color: #f0f0f0;"> <p><b>Note</b> 10.5 with fix pack 5 is <i>not</i> supported.</p> </div>		
IBM DB2 for z/OS	<p><b>IBM z/OS:</b></p> <p>2.1, 2.2, and 2.3</p> <p><b>DB2:</b></p> <p>10, 11 and 12</p>	✓	✓
IBM DB2 for iSeries	7.1, 7.2 and 7.3	✓	✓
IBM Informix	11.5, 11.70, 12, 12.10	✓	
Microsoft SQL Server	2008, 2008 R2, 2012, 2014, 2016, and 2017	✓	✓
MySQL	5.5, 5.6, 5.7, and 8.0.11	✓	✓
MariaDB	10.0.24 to 10.0.28	✓	
	Supported via the <a href="#">MySQL source endpoint</a> .		
Percona	5.6.28		✓
	Supported via the <a href="#">MySQL source endpoint</a> .		
Oracle	10.x, 11.x, 12.1, 12.2.0.1, and 18.3	✓	✓
PostgreSQL	9.4.2 and 9.4.5, 9.5, 9.6, 10.1-10.7, and 11.1-11.5	✓	✓

Endpoint	Version	Windows	Red Hat Linux
SAP Sybase ASE	12.5, 15, 15.5, 15.7, 16	✓	✓
SAP HANA	1.0 and 2.0	✓	✓
<b>Data Warehouses</b>			
Teradata Database	13, 14, 14.10, 15, 15.10, and 16.1	✓	✓
IBM Netezza	7.2.x	✓	
<b>ODBC</b>			
<p><b>Note</b> The ODBC and ODBC with CDC source endpoints can be used to access sources that are not included in Attunity 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.</p>			
ODBC	3.0, 3.5	✓	✓
ODBC with CDC	3.0, 3.5	✓	✓
<b>Other</b>			
SAP Application	Supported backend endpoints: Oracle, Microsoft SQL Server, IBM DB2 for LUW, and SAP HANA.  See <a href="#">Relational Databases</a> above for version and platform information.	✓	✓
SAP Application (DB)	Supported backend endpoints: Oracle.  See <a href="#">Relational Databases</a> above for version and platform information.	✓	✓
<b>NoSQL</b>			

Endpoint	Version	Windows	Red Hat Linux
MongoDB	4.0.x	✓	✓

**Note** Currently in beta status. If you wish to use this endpoint, please contact your Attunity account manager.





## Supported Target Endpoints

The table below lists the target endpoint versions supported by Attunity Replicate.

Endpoint	Version	Windows	Red Hat Linux
<b>Cloud-Based</b>			
Amazon Aurora MySQL	N/A	✓	✓
Supported via the <a href="#">MySQL target endpoint</a> .			
Amazon Aurora PostgreSQL	N/A	✓	✓
Supported via the <a href="#">PostgreSQL target endpoint</a> .			
Amazon RDS for MariaDB	10.0.24 to 10.0.28, and 10.3	✓	✓
Supported via the <a href="#">MySQL target endpoint</a> .			
Amazon RDS for MySQL	5.6, 5.7, and 8.0.11	✓	✓
Supported via the <a href="#">MySQL target endpoint</a> .			
Amazon RDS for SQL Server	2008 R2 and 2012, 2014, 2016, and 2017	✓	✓
Supported via the <a href="#">Microsoft SQL Server target endpoint</a> .			
Amazon RDS for Oracle	11.2.0.2.v7	✓	✓
Supported via the <a href="#">Oracle target endpoint</a> .			
Amazon RDS for PostgreSQL	9.4.x-10.7, and 11.1- 11.5.	✓	✓
Supported via the <a href="#">PostgreSQL target endpoint</a> .			
Amazon Redshift	N/A	✓	✓
Snowflake on AWS	N/A		
<b>Supported storage:</b>			
» AWS S3		✓	✓
» Snowflake		✓	✓

Endpoint	Version	Windows	Red Hat Linux
Snowflake on Azure	N/A		
<b>Supported storage:</b>			
» Azure Blob Storage		✓	
» Snowflake		✓	✓
Amazon S3	N/A	✓	✓
Amazon EMR	N/A	✓	✓
Google Cloud SQL for MySQL	5.5, 5.6, and 5.7	✓	✓
Google Cloud SQL for PostgreSQL	9.6 and 11.1	✓	✓
Google Cloud Storage	N/A	✓	✓
Google Cloud BigQuery	N/A	✓	✓
<div style="border: 1px solid #ccc; border-radius: 10px; padding: 10px; background-color: #f9f9f9;"> <p><b>Note</b> Currently in beta status. If you wish to use this endpoint, please contact your Attunity account manager.</p> </div>			
Google Dataproc	1.2	✓	✓
Microsoft Azure SQL Data Warehouse	N/A		
<b>Supported storage:</b>			
» Blob		✓	
» Data Lake Storage Gen2		✓	✓
Microsoft Azure SQL Database	N/A	✓	✓
Microsoft Azure Database for MySQL	5.6 and 5.7	✓	✓
Microsoft Azure Database for PostgreSQL	9.5, 9.6, and 10.5	✓	✓

Endpoint	Version	Windows	Red Hat Linux
Microsoft Azure Databricks	5.3	✓	✓
<b>Supported storage:</b>			
» Blob			
» Data Lake Storage Gen2			
Microsoft Azure ADLS	N/A	✓	✓
<b>Supported storage:</b>			
» Data Lake Storage Gen1			
» Data Lake Storage Gen2			
Microsoft Azure HDInsight	N/A	✓	✓
<b>Supported storage:</b>			
» Blob			
» Data Lake Storage Gen1			
» Data Lake Storage Gen2			
<b>Streaming</b>			
Kafka	0.8.x, 0.9.x, 0.10.x,	✓	✓
Certified with Confluent Schema Registry version 4.0	0.11.x, 1.0, 1.1, 2.0, and 2.3		
Microsoft Azure Event Hubs	N/A	✓	
Amazon Kinesis Data Streams	N/A	✓	✓
MapR Streams	5.2 and 6.1		✓
<b>File-Based</b>			
File	N/A	✓	✓
File Channel	N/A	✓	✓
<b>Hadoop</b>			

Endpoint	Version	Windows	Red Hat Linux
Hadoop - Cloudera	5.8, 5.9, 5.10, 5.11, 5.12, 5.13, 5.14, 5.15, 6.1, 6.2, and 6.3	✓	✓
Hadoop - Hortonworks	2.5.x, 2.6.x, 3.0, and 3.1.	✓	✓
Hadoop - MapR	5.1, 5.2, and 6.0	✓	✓
Hortonworks Data Platform (HDP)	2.5.x, 2.6.x, 3.0, and 3.1.	✓	✓
<b>Data Warehouses</b>			
Action Vector	3.0, 3.5	✓	✓
Vertica	6.0, 6.1, 7.0, 7.1, 7.2, 8.0, 8.1, 9.0, 9.1 and 9.2	✓	✓
IBM Netezza	6.x and 7.x	✓	
Microsoft APS PDW	AU2	✓	
Pivotal Greenplum	4.2, 4.3, 5.7, and 5.16	✓	✓
SAP Sybase IQ	15.x and 16	✓	
Teradata Database	13, 14, 14.10, 15, 15.10, 16.10, and 16.20	✓	✓
MemSQL	6.0.18	✓	✓
<b>Relational Databases</b>			
Microsoft SQL Server	2008, 2008R2, 2012, 2014, 2016, and 2017	✓	✓
MySQL	5.5, 5.6, 5.7, and 8.0.11	✓	✓

Endpoint	Version	Windows	Red Hat Linux
MariaDB Supported via the MySQL target endpoint.	10.0.24 to 10.0.28, and 10.3	✓	
Oracle	10.x, 11.x, 12.x, 18.x, and 19.x	✓	✓
PostgreSQL	9.3.x, 9.4.x, 9.5.x, 9.6, 10.1-10.7, and 11.1-11.5.	✓	✓
SAP Sybase ASE	15, 15.5, 15.7, 16	✓	
SAP HANA	2.0	✓	✓
<b>ODBC</b>			
<p><b>Note</b> The ODBC target endpoint, can be used to access targets that are not included in Attunity 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.</p>			
ODBC	3.0 and 3.5	✓	✓



## Endpoints Supported in Bidirectional Replication

Bidirectional tasks support the following endpoints:

### Source Endpoints:

- » Oracle
- » Microsoft SQL Server
- » MySQL
- » PostgreSQL
- » All AIS sources
- » All ARC sources
- » File Channel
- » SAP Sybase ASE
- » IBM DB2 for iSeries
- » Amazon RDS for MySQL
- » Amazon RDS for PostgreSQL
- » Amazon RDS for SQL Server

### Target Endpoints:

- » Oracle
- » Microsoft SQL Server
- » MySQL
- » Google Cloud SQL for MySQL
- » PostgreSQL
- » Google Cloud SQL for PostgreSQL
- » ODBC
- » File Channel
- » SAP Sybase ASE

## Supported Browsers

The following browsers are supported:

- » Microsoft Internet Explorer version 11 or above
- » Mozilla Firefox
- » Google Chrome

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