

Create SQL DB Connections

Contents:

- *Limitations*
 - *Pre-requisites*
 - *Configure*
 - *Use*
 - *Data Conversion*
-

You can create a connection to a Microsoft Azure SQL database from the Trifacta platform. This section describes how to create connections to Microsoft SQL DB.

- This connection type supports data ingestion into ADLS/WASB. When large volumes of data are read from an Azure SQL database during job execution, the data is stored in a temporary location in ADLS/WASB. After the job has been executed, the data is removed from the datastore. This process is transparent to the user.
- For more information on Azure SQL DB, see <https://azure.microsoft.com/en-us/services/sql-database/>.

Limitations

- This is a read-only connection.

Pre-requisites

- If you haven't done so already, you must create and deploy an encryption key file for the Trifacta node to be shared by all relational connections. For more information, see *Create Encryption Key File* .

Configure

To create this connection:

- Search **Microsoft SQL Server** in *Import Data Page*.

For additional details on creating a SQL DB connection, see *Enable Relational Connections*.

This connection can also be created using the above property substitutions via CLI or API. You must create a connection of SQL Server type.

- For details on values to use when creating via CLI or API, see *Connection Types*.
- See *CLI for Connections*.
- See *API Connections Create v3*.

This connection is a SQL Server connection type with special settings for some properties. Please create a SQL Server connection and then modify the following properties with the listed values:

Property	Description
----------	-------------

Host	<p>Enter your hostname. Example:</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <pre>testsql.database.windows.net</pre> </div>
Port	Set this value to 1433.
Connect String options	<p>Please insert the following as a single string (no line breaks):</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <pre>;database=<DATABASE_NAME>;encrypt=true;trustServerCertificate=false; hostNameInCertificate=*.database.windows.net;loginTimeout=30;</pre> </div> <p>where:</p> <ul style="list-style-type: none"> • <DATABASE_NAME> is the name of the SQL DB database to which you are connecting <div style="border: 1px solid #c8e6c9; padding: 10px; margin-top: 10px; background-color: #e8f5e9;"> <p>Tip: If you have access to the SQL DB database through the Azure Portal, please copy the Connect String from that configuration. You may omit the username and password from that version of the string.</p> </div>
User Name	Username to use to connect to the database.
Password	Password associated with the above username.
Default Column Data Type Inference	Set to <code>disabled</code> to prevent the Trifacta platform from applying its own type inference to each column on import. The default value is <code>enabled</code> .

Use

For more information, see *Database Browser*.

Data Conversion

For more information on how values are converted during input and output with this database, see *SQL Server Data Type Conversions*.