Create Azure SQL Database Connections

Contents:

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

- 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 database, see *https://azure.microsoft.com/en-us/services/sql-database/.*

Limitations

- None.

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

This connection can also be created using the following property substitutions via API.

- For additional details on creating an Azure SQL Database connection, see *Enable Relational Connections.*
- For details on values to use when creating via API, see *Connection Types.*

Please create an Azure SQL Database connection and then specify the following properties with the listed values:

Property	Description
Host	Enter your hostname. Example: ```testsql.database.windows.net```
Port	Set this value to `1433`.

Connect String options	Please insert the following as a single string (no line breaks):

	``
	;encrypt=true;trustServerCertificate=false;
	hostNameInCertificate=*.database.windows.net;loginTimeout=30;
	``

	Tip: If you have access to the Azure SQL 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.
Database	(optional) Name of the Azure SQL database to which you are connecting.
User Name	(for `basic` Credential Type) Username to use to connect to the database.
Password	(for `basic` Credential Type) Password associated with the above username.
Credential Type	`basic` - Specify username and password as part of the connection `Azure Token SSO` - Use the SSO principal of the user creating the connection to authenticate to the Azure SQL database. Additional configuration is required. See *Enable SSO for Azure Relational Connections*.
Default Column Data Type Inference	Set to `disabled` to prevent the Trifacta platform from applying its own type inference to each column on import. The default value is `enabled`.

Configure for SSO

If you have enabled Azure AD SSO integration for the Trifacta platform, you can create SSO connections to Azure relational databases. See *Enable SSO for Azure Relational Connections*.

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*.