Create SQL Server Connections

Contents:

You can create connections to one or more Microsoft SQL Server databases from Trifacta® Self-Managed Enterprise Edition.

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*.
- If you plan to create an SSO connection of this type, additional configuration may be required. See *Enable SSO for Relational Connections*.

Configure

To create this connection:

- In the Import Data page, click the Plus sign. Then, select the Relational tab. Click the SQL Server card.
- You can also create connections through the Connections page.
- See *Connections Page*.

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

This connection can also be created using the API.

- For details on values to use when creating via API, see *Connection Types*.
- See *API Reference*.

Modify the following properties as needed:

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):
	
	`;database=<DATABASE_NAME>;encrypt=true;trustServerCertificate=false;`
	`hostNameInCertificate=*.database.windows.net;loginTimeout=30;`
	
	where:
	
	- `<DATABASE_NAME>` is the name of the database to which you are connecting

User Name	(basic credential type only) Username to use to connect to the database.
Password	(basic credential type only) Password associated with the above username.
Default Column Data Type Inference	Set to `disabled` to prevent the platform from applying its own type inference to each column on import. The default value is `enabled`.
Test Connection	After you have defined the connection credentials type, credentials, and connection string, you can validate those credentials.
Connection Name	Display name of the connection
Connection Description	Description of the connection, which appears in the application.

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*.