

# Create Connection Window

Through the Create Connection window, you can create and edit connections between the Trifacta platform and remote storage.

**NOTE:** From the Import Data page, you can only create or edit connections to sources from which Trifacta a Self-Managed Enterprise Edition can read. Publish-only connections must be created through the Connections page, from which you can create any supported connection type.

**NOTE:** In your environment, creation of connections may be limited to administrators only. For more information, please contact your Trifacta administrator.

**Tip:** Administrators can edit any public connection.

## General Connection Notes:

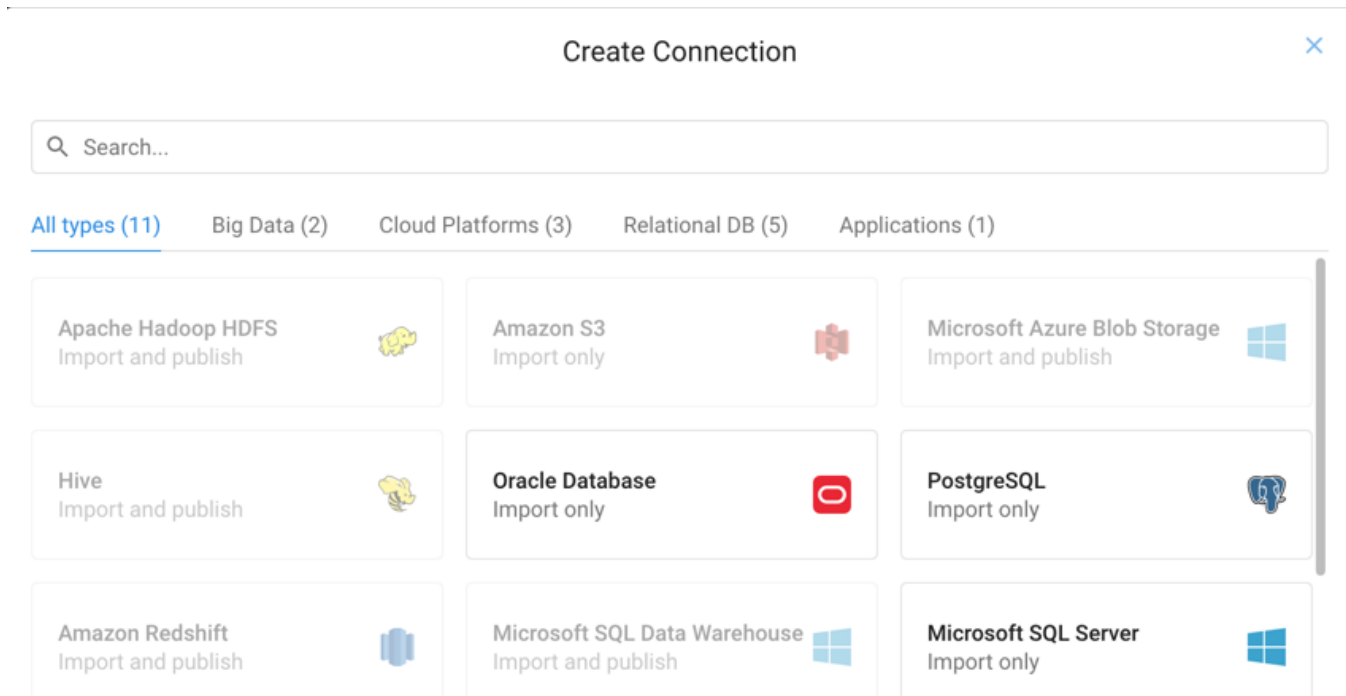
- After you create a connection, you cannot change its connection type. You must delete the connection and start again.
- Connections can be created, managed, shared, and deleted through the Connections page. See *Connections Page*.

## Database Connection Notes:

- Database connections cannot be deleted if their databases host imported datasets that are in use by Trifacta Self-Managed Enterprise Edition. Remove these imported datasets before deleting the connection.
- Jobs created for datasets sourced from a database cannot be executed on a Hadoop-based running environment.

**NOTE:** Please execute jobs from database connections on the Trifacta® Server running environment. Other running environments are not supported for these sources.

## Connection Type



**Figure: Connection Type window**

In the Connection Type window, you search or browse for the type of connection to create.

### Actions:

- Use the Search bar to perform real-time searches of connection types.
- Click one of the categories to browse for connection types that apply to the listed environment.
- Select the type of connection to continue:
  - **Import only** - Connection can be used only to import data into the platform.
  - **Publish only** - Connection can be used only to publish data from the platform to the connection target.

**NOTE:** Publish-only connections must be created through the Connections page. See [Connections Page](#).

- **Import and publish** - Connection can be used to import data and to publish your outputs.

**NOTE:** Some connection types may not be available. For example, you can create only one global Hive connection. If it has been created, the Hive connection card is disabled.

For more information on these connections, See [Connection Types](#).

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**PostgreSQL**

Import only



## SERVER INFORMATION

Host

localhost

Port

5432

Connect String Options (optional)

Enable SSL

Database

example

User Name

myDBUser

Password

.....



[Test Connection](#)

Valid Connection

Hide Advanced Options

Default Column Data Type Inference

Disabled



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Cancel

Save

**Figure: Create Connection Window**

Property	Description
Host	Host of the database.
Port	Port by which to access the database host. Default values are pre-populated based on the connection type you selected.
Connect String Options	<p>(optional) If access to the database requires special connection string options, you may paste or enter them here.</p> <p>You only need to provide the parameter and string value. For example, if a configuration file includes the following:</p> <pre>"connectStrOpts": ";transportMode=http;httpPath=cliservice"</pre> <p>You enter the following here:</p> <pre>";transportMode=http;httpPath=cliservice"</pre> <p>For more information, see <i>CLI for Connections</i>.</p>
Enable SSL	<p>To connect using SSL, click this checkbox.</p> <div style="border: 1px solid #ccc; padding: 10px;"><p><b>NOTE:</b> If this checkbox is not present, SSL connections for this type are not supported or are required.</p><p>SSL connections are not supported for SQL Server or Hive.</p><p>SSL connections are required for Redshift and SQL DW.</p></div> <p>No additional Connect String Options are required for supported database vendors.</p> <div style="border: 1px solid #ccc; padding: 10px;"><p><b>NOTE:</b> The database must be configured to receive SSL connections.</p></div>
Service Name	(Oracle only) Name of the service. For example, enter <code>orcl</code> here.
Database	(PostgreSQL only) Name of the database to connect. The name of the default database is the username, so you should change this value in most cases.
User Name	Username to access the database. This value is encrypted by the Trifacta platform for security.
Password	Password for the specified user. This value is encrypted by the Trifacta platform for security.
Test Connection	<p>When the above properties are specified, click <b>Test Connection</b> to validate that the Trifacta platform can connect to the database.</p> <p>If the connection fails, your administrator may need to install a keyfile. See <i>Enable Relational Connections</i>.</p>

Advanced Options: Default Column Data Type Inference	<p>You can choose to enable or disable type inferencing for individual connections, when the connection is created or edited.</p> <p>The default setting for this parameter is defined at the global level. For more information, see <i>Configure Type Inference</i>.</p>
Connection Name	<p>Display name of the connection, which appears in the application.</p> <div data-bbox="508 331 1456 415" style="border: 1px solid #ccc; padding: 5px; margin: 10px 0;"> <p><b>NOTE:</b> This value must be unique among all connections.</p> </div>
Connection Description	<p>User-friendly description for the connection, which appears in the application.</p>

When you've finished, click **Ok** to save the connection.

After you have created your connection, run a simple job on data sourced from it. For more information, see *Verify Operations*.

**NOTE:** You can make the connection available to all users by sharing it through the Connections page. See *Connections Page*.