



# Create Connection Window


Through the Create Connection window, you can create and edit connections between Designer Cloud Powered by Trifacta® Enterprise Edition and remote storage.

This window is available from the following locations:

- **From Import Data page:** By default, the window displays connections that support import. Deselect the checkbox to display all available connection types.
- **From Run Job page:** When you add a new connection as part of a publishing action, the window displays connections that support publishing by default.
- **From the Preference page:** All available connections are displayed.

 **NOTE:** Some connections may not be available at all for your deployment.

 **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.

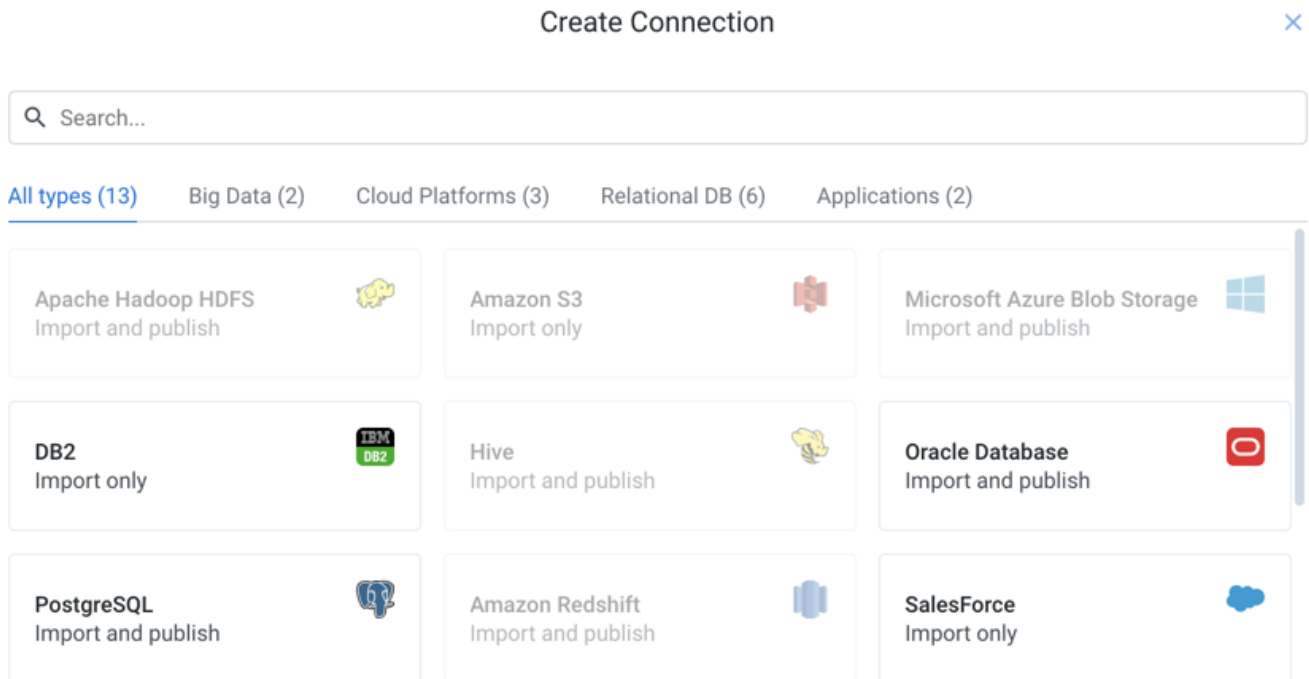
## General Connection Notes:

- 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 Designer Cloud Powered by Trifacta Enterprise Edition. Remove these imported datasets before deleting the connection.
- Jobs created for datasets sourced from a database cannot be executed on a Spark running environment.

## 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.

**i 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.

**i NOTE:** Some connection types may not be available. For a connection of this type has been created, its connection card is disabled.

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

## Create Connection

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**PostgreSQL**  
Import and publish

**SERVER INFORMATION**

Host  Port

Connect String Options (optional)

Enable SSL

Database

User Name




Password

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**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	(optional) If access to the database requires special connection string options, you may paste or enter them here. You only need to provide the parameter and string value. Example: <pre>" ;transportMode=http;httpPath=cliservice "</pre>

Enable SSL	<p>To connect using SSL, click this checkbox.</p> <div style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <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; margin: 10px 0;"> <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 for security.
Password	Password for the specified user. This value is encrypted for security.
Test Connection	When the above properties are specified, click <b>Test Connection</b> to validate that the Designer Cloud powered by Trifacta platform can connect to the database. If the connection test fails, your administrator may need to install a keyfile. See <i>Enable Relational Connections</i> .
Advanced Options: Default Column Data Type Inference	You can choose to enable or disable type inferencing for individual connections, when the connection is created or edited. The default setting for this parameter is defined at the global level. For more information, see <i>Configure Type Inference</i> .
Connection Name	Display name of the connection, which appears in the application.
	<div style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <p> <b>NOTE:</b> This value must be unique among all connections.</p> </div>
Connection Description	User-friendly description for the connection, which appears in the application.

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*.