

# Create Tableau Server Connections

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This section describes the basics of creating Tableau Server connections from within the application.

**NOTE:** You can export Tableau format (TDE) files as part of exporting results from the platform. For more information, see *Publishing Dialog*.

## Limitations

- This connection type only enables publication.
  - You cannot read data from Tableau Server.
  - When created in the application, publish-only connections must be created through the Connections page.

## Download and Install Tableau SDK

To enable generation of TDE files and publication to Tableau Server, the Tableau Server SDK must be licensed, downloaded, and installed in the Trifacta platform.

## Steps:

1. Navigate to the following:
  - a. **Centos/RHEL 6.x:**  
[https://help.tableau.com/v10.1/api/sdk/en-us/SDK/tableau\\_sdk\\_installing.htm#downloading](https://help.tableau.com/v10.1/api/sdk/en-us/SDK/tableau_sdk_installing.htm#downloading)
  - b. **All other operating system versions:**  
[https://onlinehelp.tableau.com/current/api/sdk/en-us/SDK/tableau\\_sdk\\_installing.htm#downloading](https://onlinehelp.tableau.com/current/api/sdk/en-us/SDK/tableau_sdk_installing.htm#downloading)
2. Complete any required licensing steps.
3. Download this version: **Tableau SDK for C/C++/Java (64-bit)**.
4. Transfer the file to the Trifacta node.
  - a. Extract it in a directory where the `trifacta` account has read and execute permissions.

**NOTE:** The above directory should be located outside of the install directory for the platform software.

- b. Retain the path to this directory. This directory is assumed to have the following name: `<tableau-extract-dir>`.
5. Platform configuration must be updated to point to this SDK. You can apply this change through the *Admin Settings Page* (recommended) or `trifacta-conf.json`.
    - For more information, see *Platform Configuration Methods*.
  6. Update the following property:

```
"batch-job-runner.env.LD_LIBRARY_PATH" = "<tableau-extract-dir>/lib64/tableausdk/"
```

7. Add to the Batch Job Runner classpath to the current classpath (<current\_classpath\_values>). You must replace <tableau-extract-dir> with the path where you extracted the Tableau Server SDK:

```
"batch-job-runner.classpath" = "<current_classpath_values>:<tableau-extract-dir>/lib64/tableausdk/Java/tableaucommon.jar:<tableau-extract-dir>/lib64/tableausdk/Java/tableauserver.jar:<tableau-extract-dir>/lib64/tableausdk/Java/tableauextract.jar"
```

8. Save your changes and restart the platform.

## Enable

Workspace administrators must enable workspace users to publish to TDE format. For more information, see [Workspace Admin Page](#).

## Create Tableau Server Connection

### Create through application

Any user can create a Tableau Server connection through the application.

**NOTE:** Only an administrator can make a Tableau Server connection available for all users.

### Steps:

1. Login to the application.
2. In the menu, select **Settings menu > Connections**. See [Connections Page](#).
3. In the Connections page, click **Create Connection**. See [Create Connection Window](#).
4. In the Create Connection window, click the Tableau Server connection card.
5. Specify the properties for your Tableau Server.

| Property   | Description  |
|------------|--|
| Server URL | <p>The URL to the Tableau Server to which you are connecting. To specify an SSL connection, use <code>https://</code> for the protocol identifier.</p> <div data-bbox="349 1402 1458 1528"><p><b>NOTE:</b> By default, this connection assumes that the port number is 80. To use a different port, you must specify it as part of the Server name value: <code>http://&lt;Tableau_Server_URL&gt;:&lt;port_number&gt;</code></p></div> |
| Site       | <p>Enter the value that appears after <code>/site/</code> in your target location.</p> <p>Example target URL:</p> <div data-bbox="349 1675 1458 1747"><pre>https://tableau.example.com/#/site/MyNewTargetSite</pre></div> <p>Enter the following for the Site setting:</p> <div data-bbox="349 1816 1458 1887"><pre>MyNewTargetSite</pre></div>  |

|                 |  |
|-----------------|--|
| User Name       | The username to use to connect.  |
| Password        | The password associated with the username.                                 |
| Test Connection | Click this button to test the connection that you have specified.          |
| Connection Name | The name of the connection as you want it to appear in the user interface. |
| Description     | This description is displayed in the user interface.                       |

For more information, see *Create Connection Window*.

6. Click **Save**.

## Create through APIs

1. Acquire the vendor and type information. See *Connection Types*.
2. Create the connection through the APIs. See *API Connections Create v4*.