

Installing PostgreSQL JDBC Drivers

As an alternative to the Hive ODBC drivers, you can connect to Tableau using the PostgreSQL JDBC driver. For the list of drivers AtScale supports for Tableau, see [AtScale Supported Tools and Platforms](#).



Note: AtScale only supports basic authentication when connecting to Tableau via the PostgreSQL driver.

Before You Begin

Before you can install the PostgreSQL driver, you need to make some changes to your system's configuration:

- ▲ Update the following engine settings. For instructions on changing engine settings, see [Changing Engine Settings](#).
 - ▲ Set `metadataExport.driver.type` to `postgres`.
 - ▲ Set `tableau.pgwire.client.protocol` to `postgres`.
 - ▲ If you use an external load balancer, set `load balancer.pgsql.url` to the base URL for the engine's PostgreSQL-compatible SQL endpoint. This should be in the format `schema://hostname:port`. For more information, see [Configure an External Load Balancer](#).
- ▲ Set the **Postgres Server Port** field for your organizations. This should be set to `15432` for your first organization. For any additional organizations, increase the port number by one (for example, `15433` for your second organization).

For more information on configuring organizations, see [Create an Organization](#).



Note: If you upgraded to I2024.2.0 or later from a previous version of AtScale, **Postgres Server Port** is automatically set for all of your organizations.

Procedure

To install the PostgreSQL driver:

1. Download the Java 8 42.7.3 JDBC driver from the [PostgreSQL download page](#).
2. Copy the `.jar` file to the `Drivers/` folder under Tableau's install location. You may need to create this folder if it doesn't exist.

Next Steps

- ▲ [Connecting To AtScale From Tableau By Using A Tableau Data Source \(TDS\) File](#)
- ▲ [Connecting To AtScale From Tableau By Using Microsoft Analysis Services](#)

