

Configure An ODBC DSN On Windows Clients

A DSN (data source name) specifies the connection information used by an ODBC driver to connect to a data source. Some BI applications require that you create a DSN ahead of time, and some do not.

About This Task

You do not need to create a DSN if using Tableau. AtScale generates a `tds` (Tableau data source) file for every published cube, which contains the necessary connection information.

Before You Begin

Before you do this task:

[Installing the Hive ODBC Driver on Windows Clients](#)

Procedure

1. Open the **64-bit ODBC Administrator** or **32-bit ODBC Administrator** application (depending on the bitness of the ODBC driver you have installed).
2. Go to the **User DSN** or **System DSN** tab and click **Add**.
3. Choose the **ODBC Driver for Apache Hive** as the driver.
4. Enter the connection information for the AtScale Engine:

Cloudera ODBC Driver for Apache Hive DSN Setup

Data Source Name: AtScale Engine

Description: AtScale Engine on the corporate|CDH5 Cluster

Host: 192.168.5.185

Port: 11111

Database: default

Hive Server: Hive Server 2

Authentication Mechanism: User Name and Password

Realm:

Host FQDN:

Service Name:

HTTP Path:

User Name: admin

Password:

Delegation UID:

Advanced Options...

v2.5.9.1002 (64 bit)

OK Cancel

1. Enter the IP or hostname of the AtScale server machine.
2. Enter the engine port number. If you're not sure of the port, you can find it in the **AtScale Design Center** application under **Settings > Engine**. The default port is usually `11111`.
3. Choose **Hive Server 2** as the type of server you are connecting to.
4. Choose **User Name and Password** as the authentication mechanism.
5. Enter your AtScale user login credentials.
6. Test the connection, and if it works then click **OK**.