

Deltek Costpoint® Govcon Cloud Moderate (GCCM)

ODBC Setup and Configuration Guide using
the Hybrid Data Pipeline (HDP) Tool

May 10, 2021

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ODBC Overview

Read only ODBC access to your Costpoint Cloud database is provided by the Hybrid Data Pipeline ODBC client driver. Setting up the driver is a simple three-step process:

- **Step One:** Submit the ODBC Read Only Access Service Request
- **Step Two:** Install the ODBC Client. You must determine if you are installing the Windows or Linux client.
- **Step Three:** Configure the ODBC Client

Step One: Submit the ODBC Read Only Access Service Request

To submit the service request:

1. Your company's SaaS Customer Administrator should log into the [Deltek Support Center](#), navigate to the [Deltek Cloud Solutions](#) and select applicable Cloud Product.
2. In the **Service Request** section, select the **ODBC Read Only Access** radio button.
3. Click the link in the Service Request to download the spreadsheet that is used to log all changes to ODBC access.
4. Encrypt the spreadsheet using PGP then submit using the Deltek SFTP Service.
5. Click **Submit** to initiate the service request.
6. Upon submission, a dialog box displays containing the **Case No.** for the request and a link to [Manage Cases](#), where the case can be viewed or updated.
7. Upon the completion, Deltek will notify the new account holder via phone call of their credentials and configuration settings needed to connect to the ODBC service.

Additionally, the SaaS Administrator will receive a confirmation email when the request is completed.

Step Two: Install the Windows ODBC Client Driver

Download the Hybrid Data Pipeline Windows ODBC Client Driver

To download the driver, navigate to <https://dsm.deltek.com/DFVE/odbc/GCCMODHDPDriver.zip>.

The downloaded zip includes the following files:

- config.properties
- ddcloud.pem
- ddcloudTrustStore.jks
- OnPremise.properties
- PROGRESS_DATADIRECT_HDP_ODBC_WIN_32.exe
- PROGRESS_DATADIRECT_HDP_ODBC_WIN_64.exe
- DeltekCostpointCloudHDPODBCSetupandConfigurationGuideGCCMod
- HDP ODBC Architecture Incompatibility

Install the Hybrid Data Pipeline ODBC Client

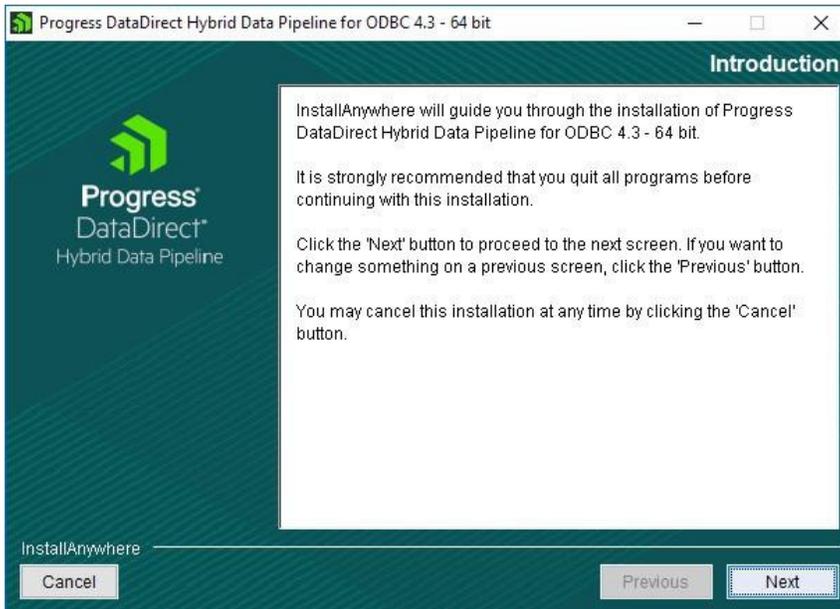
To install the client:

1. Double click PROGRESS_DATADIRECT_HDP_ODBC_WIN_XX.exe to begin the installation.

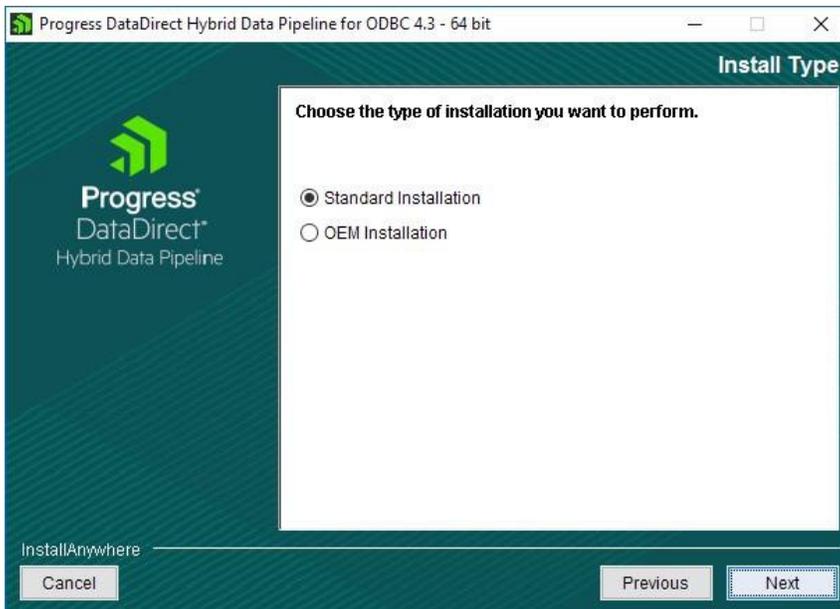
Note: Be sure to install the correct architecture of the driver for your specific application, either 32-bit or 64-bit.

2. When the Introduction page of the installation wizard displays, click **Next**.

Step Two: Install the Windows ODBC Client Driver



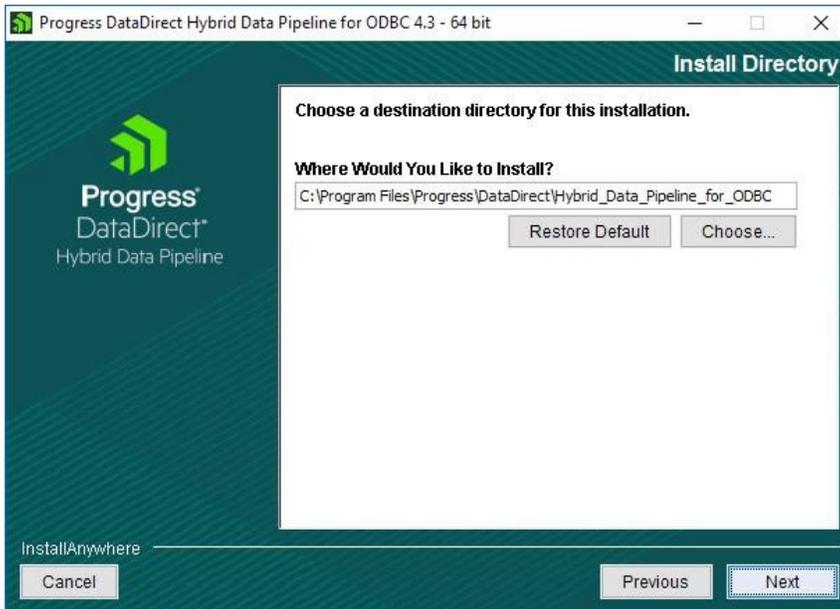
3. On the Install Type page, accept the default selection of **Standard Installation**, and click **Next**.



4. On the Install Directory page, accept the default installation path or select your own, and click **Next**.

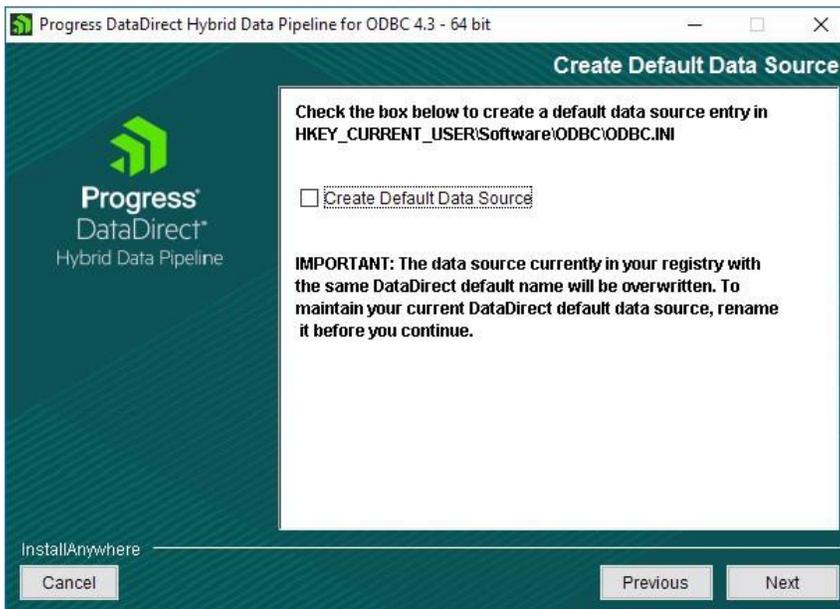
Note: Deltek recommends accepting the default installation location.

Step Two: Install the Windows ODBC Client Driver



- On the Create Default Data Source page, ensure the **Created Default Data Source** check box is not selected, and click **Next**.

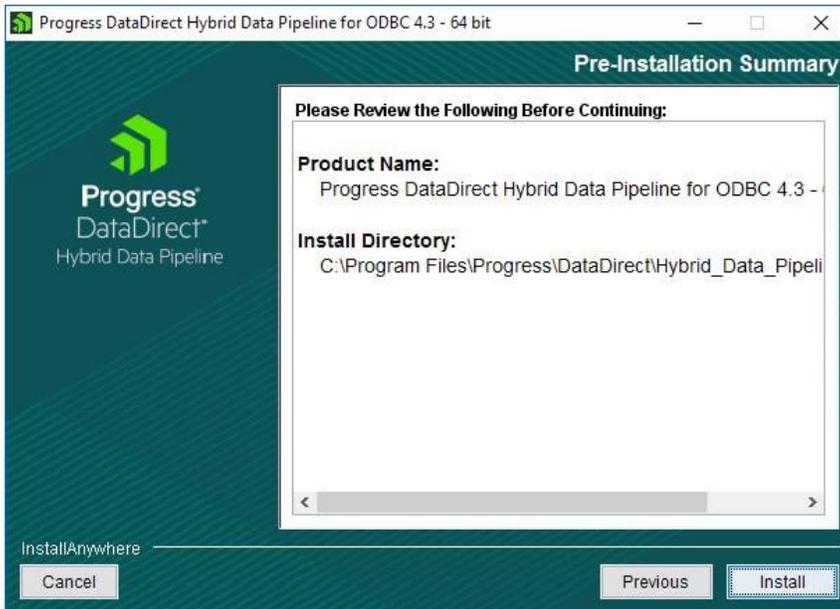
The default option is **NOT** to create a default data source.



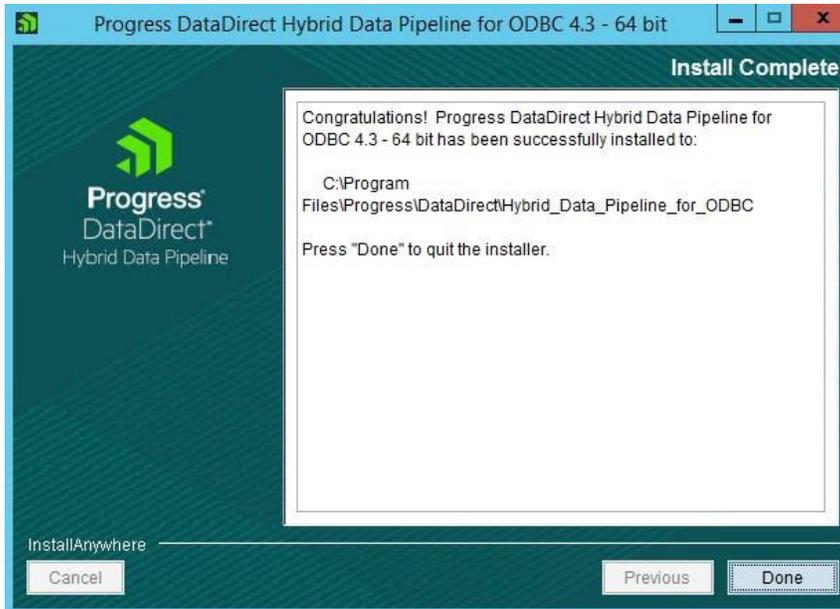
- On the Pre-Installation Summary page, confirm all information is correct, and click **Install**.

Note: If any of the information is incorrect, click **Previous** to fix.

Step Two: Install the Windows ODBC Client Driver



7. After the installation is complete, click **Done**.



Step Two: Install the Linux ODBC Client Driver

Download the Hybrid Data Pipeline Linux ODBC Client Driver

To download the driver, navigate to <https://dsm.deltek.com/DFVE/ODBC/HDPLinuxDriver.zip>

The downloaded zip includes the following files:

- config.properties
- ddcloud.pem
- ddcloudTrustStore.jks
- OnPremise.properties
- PROGRESS_DATADIRECT_HDP_ODBC_<VERSION>_LINUX_32.bin
- PROGRESS_DATADIRECT_HDP_ODBC_<VERSION>_LINUX_64.bin

Install the Hybrid Data Pipeline Linux ODBC Client.

To install the client:

1. Execute the installer corresponding to the correct architecture

```
./PROGRESS_DATADIRECT_HDP_ODBC_4.3_LINUX_64.bin
```
2. When the Introduction page of the installation wizard displays, click **Next**.
3. On the Install Type page, accept the default selection of **Standard Installation**, and click **Next**.
4. On the Install Directory page, accept the default installation path or select your own, and click **Next**.

Note: Deltek recommends accepting the default installation location.

5. On the Pre-Installation Summary page, confirm all information is correct, and click **Install**.

Note: If any of the information is incorrect, click **Previous** to fix.

6. After the installation is complete, click **Done**.

Step Three: Configure ODBC Client

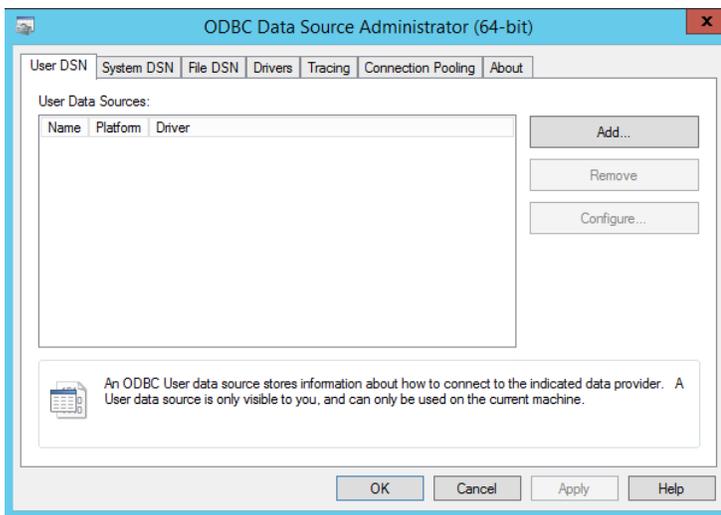
Configure the ODBC Client

To configure the ODBC client:

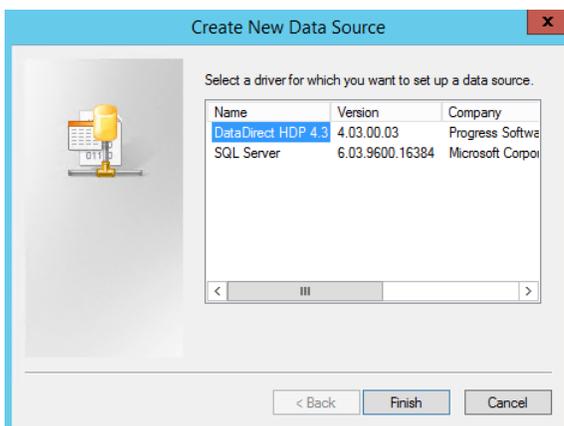
1. Open the ODBC Data Sources Administrator (XX-bit) application in Windows, and click **Add** on the appropriate DSN tab.

Be sure to open the correct architecture version of ODBC Data Source Administration (XX-bit) based on the architecture version of the driver that was installed; either 32-bit or 64-bit

2. Select the appropriate DSN tab:
 - **User DSN:** Access to this DSN will only be available to the current logged on user (for example, logged onto Windows and using Excel).
 - **System DSN:** Access to this DSN will be available to any user that is allowed to authenticate to the Windows machine (for example, the service account used to run a data warehouse application).



3. When the Create New Data Source dialog box displays, select **DataDirect HDP X.X** from the list of available drivers, and click **Finish**.



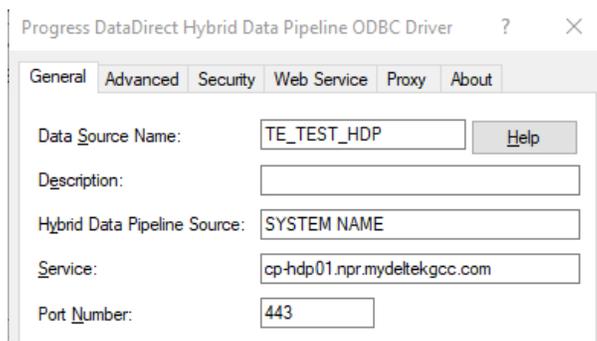
Step Three: Configure ODBC Client

4. On the General tab of the Progress DataDirect Hybrid Data Pipeline ODBC dialog box, provide the following information.
 - **Data Source Name:** This information will be provided to you in your service request ticket.
 - **Description:** This information will be provided to you in your service request ticket.
 - **Hybrid Data Pipeline Source:** This information will be provided to you in your service request ticket.
 - **Service:** Enter applicable host entry for your Production and/or Non-Production systems. See below.

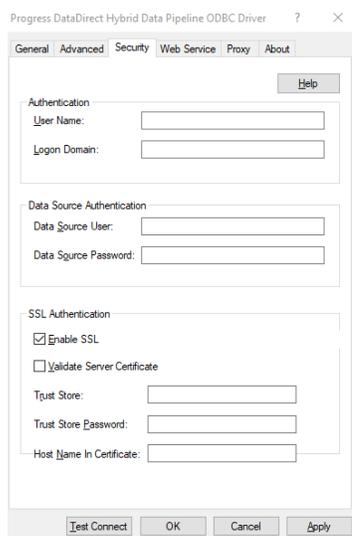
Note: GCC Moderate Customers

cp-hdp01.npr.mydeltekgcc.com (Non-Production systems - Test, Config, Sbox, Dev)
 cp-hdp01.prd.mydeltekgcc.com (PROD system)

- **Port Number:** Enter 443.

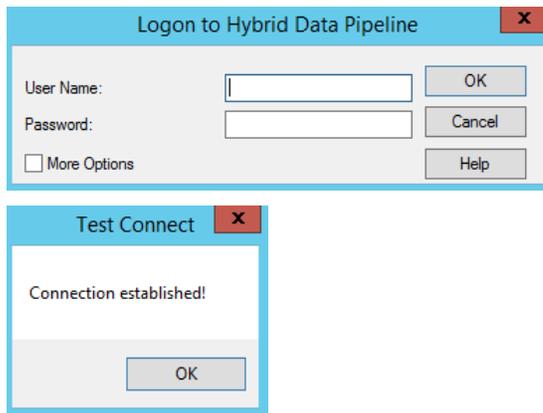


5. Click the Advance tab, and enter **WorkArounds=2** in the **Extended Options** field:
6. Click the Security tab, and select the **Enable SSL** check box in the **SSL Authentication** section, and ensure that the **Validate Server Certificate** check box is cleared.



7. Test the connection by clicking **Test Connect**, entering the username and password provided to you in your service request ticket, and clicking **OK**.

Step Three: Configure ODBC Client



You can now use the configured ODBC driver to connect to the databases.

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