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Hybrid Data Pipeline (HDP) Setup and Configuration for the Costpoint Cloud

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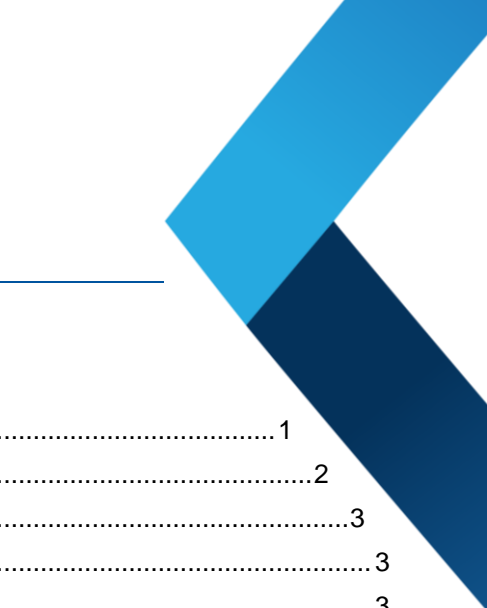
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Contents

Hybrid Data Pipeline (HDP) Overview

HDP is the client that provides read only ODBC access to your Costpoint Cloud database. Setting up the HDP is a simple three-step process:

Step One:	Submit the Service Request (SR) for ODBC Read Only Access.

Step Two:	Install the HDP ODBC Client

Step Three:	Configure the HDP ODBC Client

Step One: Submit the ODBC Read Only Access Service Request

1. Your company's SaaS Customer Administrator should login to the Deltek Support Center and navigate to the Deltek Cloud Solutions page.

2. In the Service Request section, select the **ODBC Read Only Access** radio button.

3. Click on the Costpoint Enterprise ODBC Read Only Access hyperlink and complete the spreadsheet which can also be downloaded from KB Article # 88588.

4. Under User Access Form: Select Choose File and upload the completed DeltekCostpointEnterpriseODBCReadOnlyAccessUserForm.xlsx.

5. Click Submit. Upon submission a dialog box will appear containing the Case No. for the request and a link to Manage Cases, where the case can be viewed or updated.

6. Deltek will create a case and in that case Deltek will provide you with the following information. You will need this information to complete the remaining setup and configuration steps.

   a. **Data Source Name**

   b. **Description**

   c. **Hybrid Data Pipeline Source**

   d. **User Name**

   e. **Password**

Step Two: Install the Hybrid Data Pipeline Client

Download the HDP client here:

https://dsm.deltek.com/DFVE/odbc/HDPDriver.zip

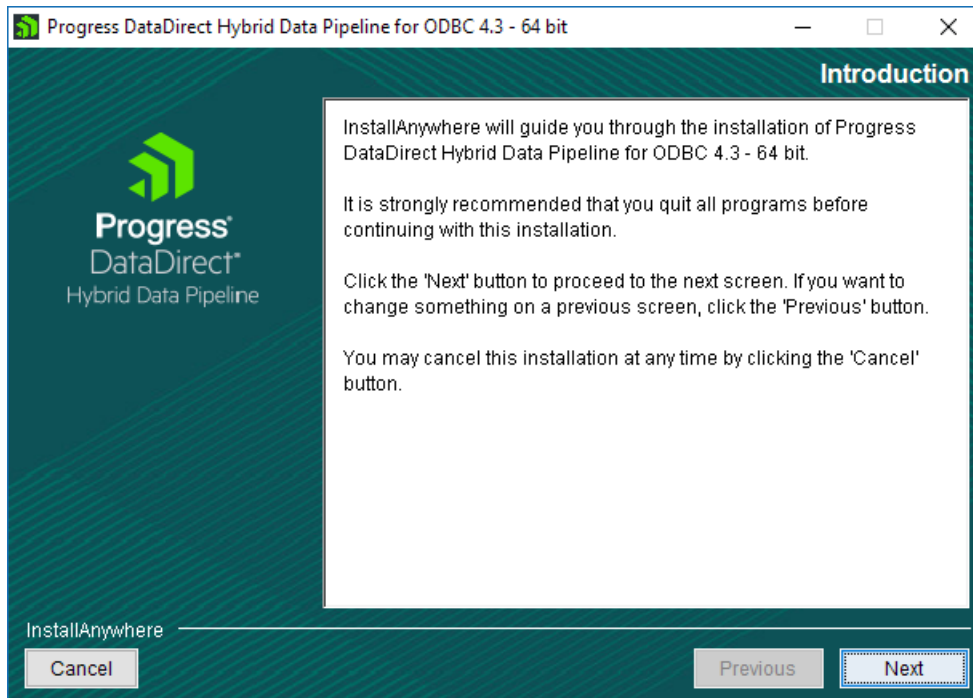The following five files are included in the downloaded zip file:

- o config.properties
- o ddcloud.pem
- o ddcloudTrustStore.jks
- o OnPremise.properties
- o PROGRESS_DATADIRECT_HDP_ODBC_WIN_32.exe
- o PROGRESS_DATADIRECT_HDP_ODBC_WIN_64.exe

Install the Hybrid Data Pipeline client:

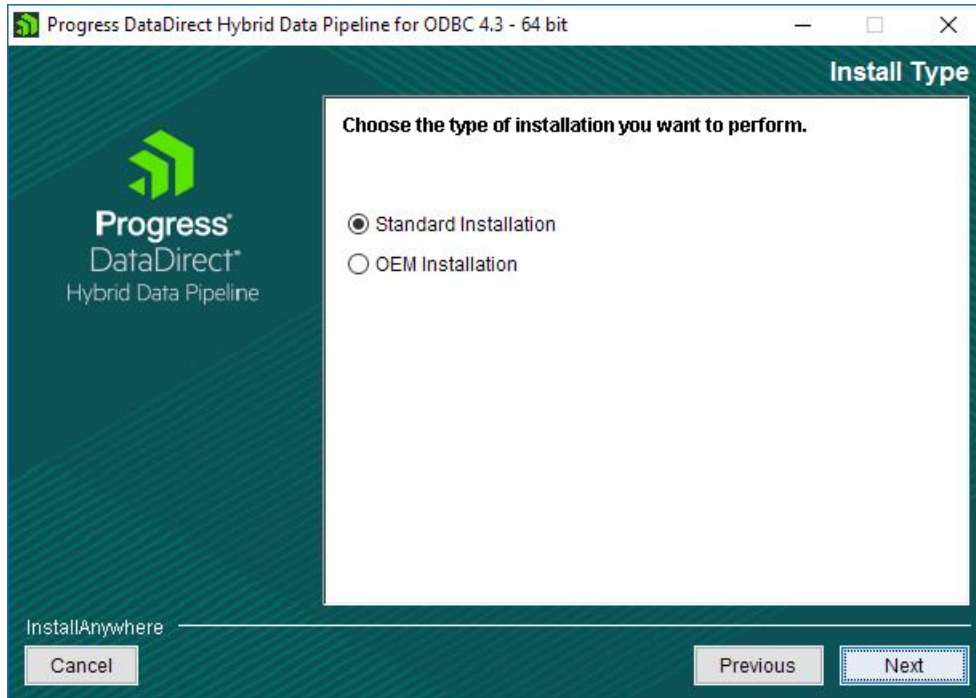1. Double click **PROGRESS_DATADIRECT_HDP_ODBC_WIN_XX.exe** to begin the installation.

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

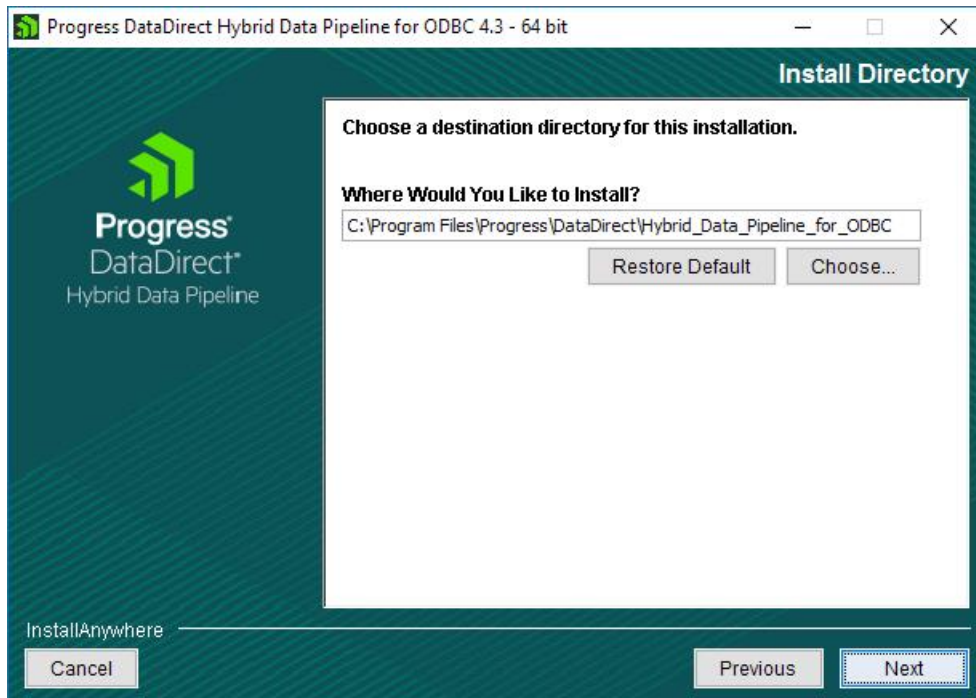2. When the Introduction page of the installation wizard displays, click **Next**.

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

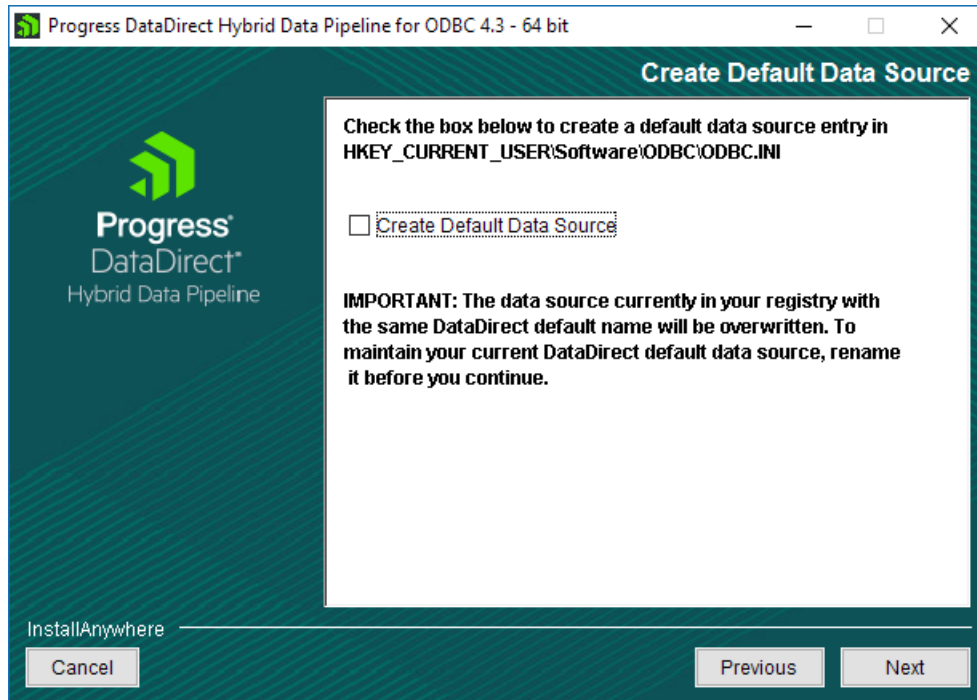4. On the Install Directory page, accept the default installation path or select your own, and click **Next**.

   Note: Deltek recommends accepting the default installation location.

5. On the Create Default Data Source page, ensure the **Created Default Data Source** check box is not selected, and click **Next**.
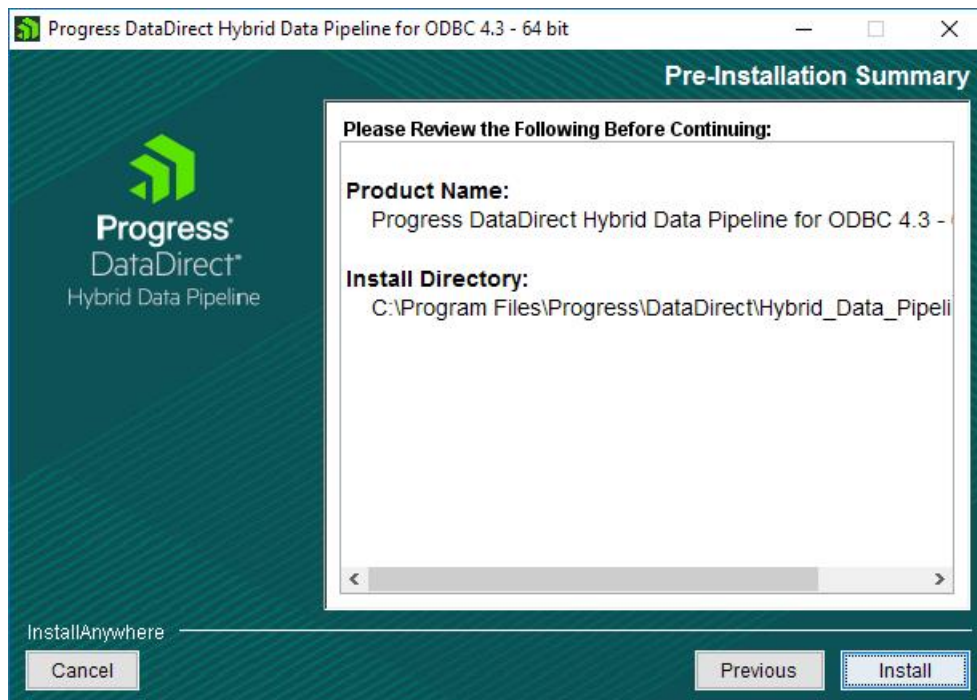
   The default option is **NOT** to create a default data source.
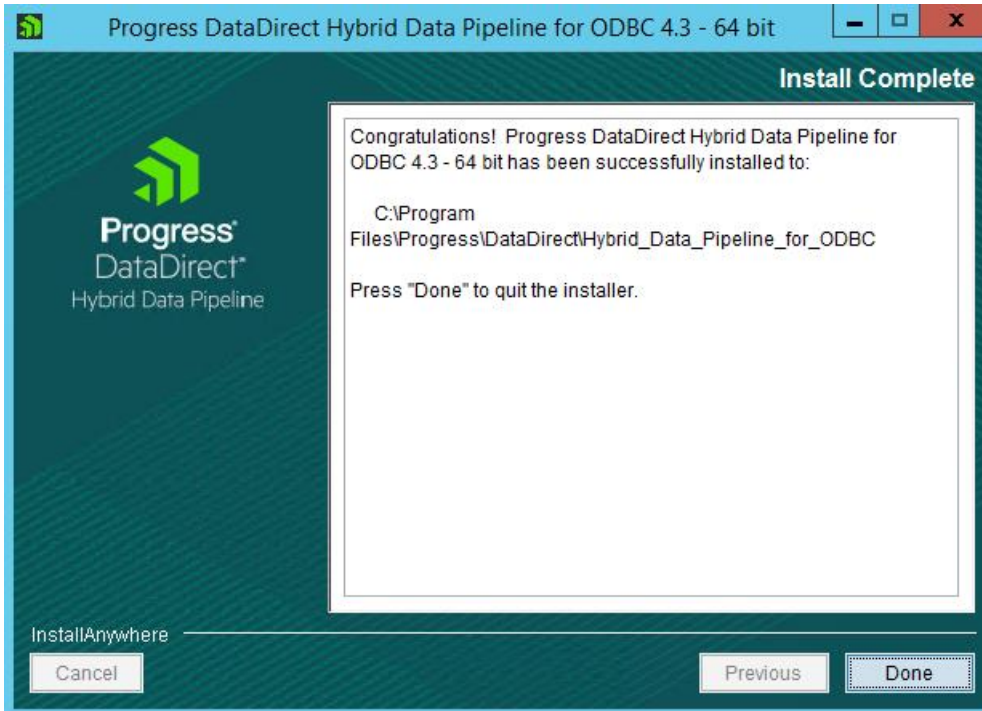
6. On the Pre-Installation Summary page, confirm all information is correct, and click **Install**.

   Note: If any of the information is incorrect, click Previous to fix.
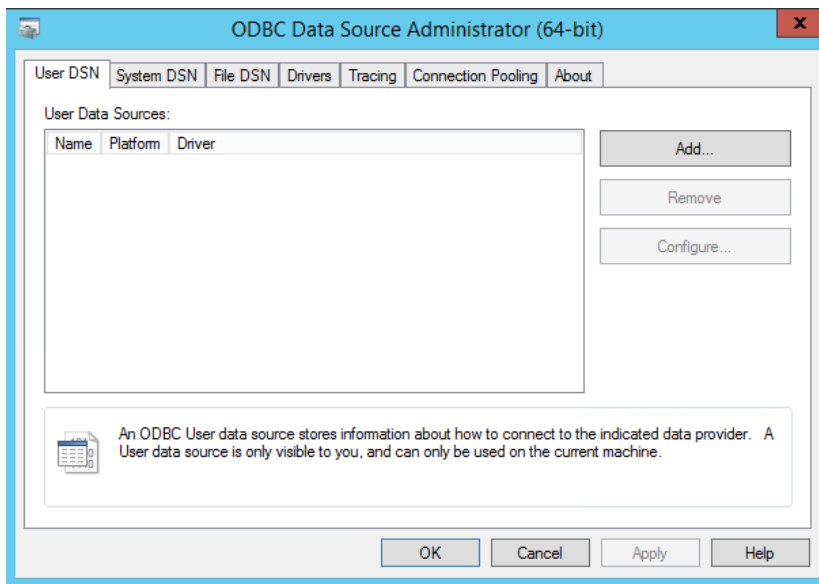
7. After the installation is complete, click **Done**.
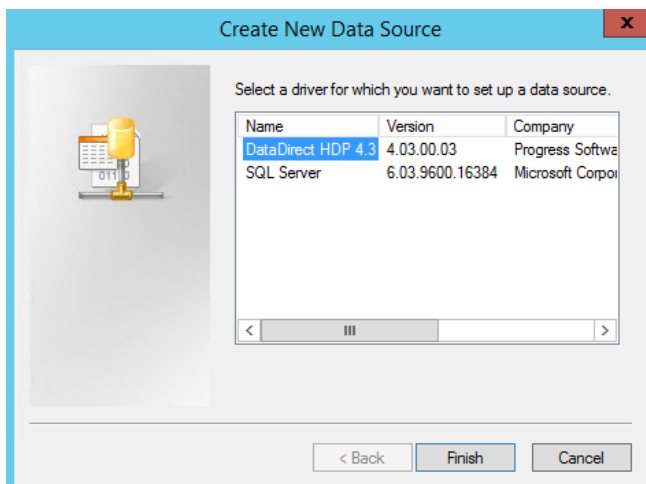
Step Three: Configure ODBC Client

Configure the ODBC client:

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

   a. 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. Choosing the appropriate DSN tab: User or System.

   a. **User DSN:** Access to this DSN will only be available to the current logged on user (for example, logged into Windows and using Excel).

   b. **System DSN:** Access to this DSN will be available to any user that is allowed to authenticate to the Windows machine (for example, service account used to run a data warehouse application).
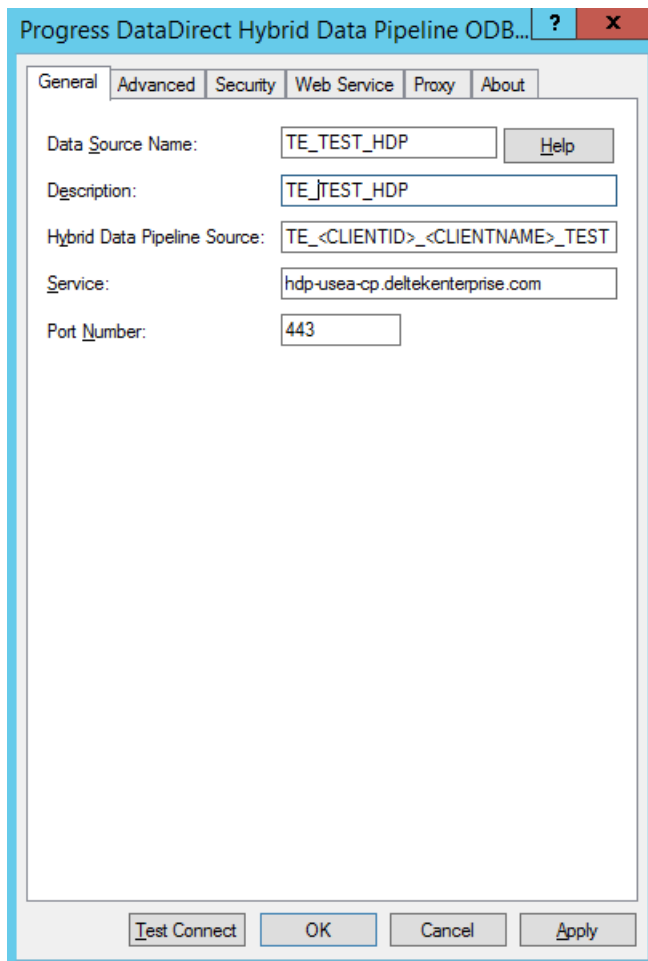

3. When the Create New Data Source dialog box displays, select DataDirect HDP X.X from the list of available drivers, and click Finish.

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 hdp-usea-cp.deltekenterprise.com.

        For US Only Customers use hdp-usea.costpointenterprise.com.

    - **Port Number:**   Enter 443.

5. Click the Security tab, and select the Enable SSL check box in the SSL Authentication section.
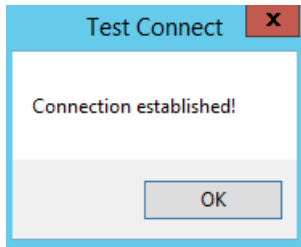

IMPORTANT NOTE: You will need to follow the above procedure for each database you are connecting to. When submitting the ODBC Read Only Access service request you are able to specify which databases you require ODBC access to.

For example:

- CPTRAN_<CLIENTID>_<CLIENTNAME>_DEV

- TE_<CLIENTID>_<CLIENTNAME>_DEV)

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

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

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