

eOne Solutions

Popdock Data Lake Upload Tool Installation and Usage Guide for Dynamics GP

How to install, configure and use the tool to migrate customer data from Dynamics GP

1. Overview

The Data Lake Upload Tool is designed to help customers move their on-premises data into the cloud. It can be used to perform regular data backups or migrate legacy data to cloud storage for faster access through Popdock. Once data has been transferred to the data lake, it is stored, managed, and accessed from this central repository.

This installation guide will support eOne Partners and services consultants through setting up and using the Data Lake Upload Tool to migrate customer data from Dynamics GP. This guide includes instructions on preparing for the installation, installing the tool, and using the tool to port data from Dynamics GP to an Azure data lake.

2. Prepare for the installation

To ensure a successful install and migration of your systems using the tool, you will want to:

- Complete pre-installation tasks
- Meet minimum hardware/software guidelines
- Follow network recommendations
- Create an account credentials list

2.1. Pre-installation tasks

There are two pre-installation tasks the Data Lake Upload Tool requires and should be completed before installing it. An existing Azure data lake setup is required along with an Azure Data Lake connector configured in Popdock which connects to it.

The tool needs a running Azure data lake with 2 storage containers. One container will store your table information and will contain list information. You can use this article to [setup an Azure Data Lake](#).

Once the data lake containers have been created, you will [add an Azure Data Lake Connector](#) to your Popdock configuration. After the Popdock Data Lake Connector is created, you will have the necessary pre-installation tasks completed.

2.2. Hardware/Software Guidelines

The Data Lake Upload Tool requires that the computer running the tool is connected to the same network as the SQL database server, has enough processing power, storage space and memory for the tool's data transfer processes and meets the minimum supported Operating System version guidelines.

Minimum hardware requirements:

CPU	1GHZ Processor
Memory	8 GB
Disk Space (free)	Size of the database(s) or greater

Minimum software requirements:

Client OS	Windows 8 or higher
Server	Windows Server 2012 or higher

Minimum database requirements:

SQL Server	SQL Server 2014 or higher
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NOTE: For technical support with earlier versions of SQL Server, contact support@eonesolutions.com.

2.3. Network Recommendations

The internet connection should be at least 5 Mbps upload to support the file transfer processes of the tool. The network and internet connection play a key role in the data transfer experience because low bandwidth internet and poor network connections can lead to slower transfer speeds and connection timeouts. While the 5 MBPs internet speed is a minimum guideline, a faster internet connection may not always guarantee faster data transfer speeds.

2.4. Account Credentials List

The installation process requires login information for multiple accounts to provide access to resources and systems involved in the upload process.

Use the list below to populate the necessary account information and have it available during the Data Lake Upload Tool installation.

2.4.1 **Popdock Credentials** - This is login information for the Popdock account.

System: Popdock	Description	Enter your information
Username	[The Popdock admin account username.]	
Password	[The Popdock account password.]	
Account	[The login account name]	

2.4.2 **Azure Data Lake Connector Credentials** – This information can be gathered from either the [Popdock Data Lake Connector](#) or the [Azure Console](#).

System: Azure Data Lake	Description	Enter your information
Data Lake Connector	[The name of your Popdock Data Lake Connector]	
Storage Account	[The name of the storage account in the Azure console or your Popdock Data Lake Connector configuration]	
Table Container	[The storage account container, in the Azure console, where all tables/views will be copied]	
List Container	[The storage account container, in the Azure console, where all lists will be copied]	
Shared Key	[The Shared key for the storage account in the Azure console]	

2.4.3 **Database Credentials** – This information is from your database server.

System	DYNAMICS GP	Enter your information
Version	[The software version of Dynamics GP.]	
Server	[The hostname of the SQL server]	
Port	[The port being used by the SQL server]	

System Database	[The name of the SQL server system database]	
Username	[A SQL Server user with read access to the system database]	
Password	[The password for the SQL Server user]	

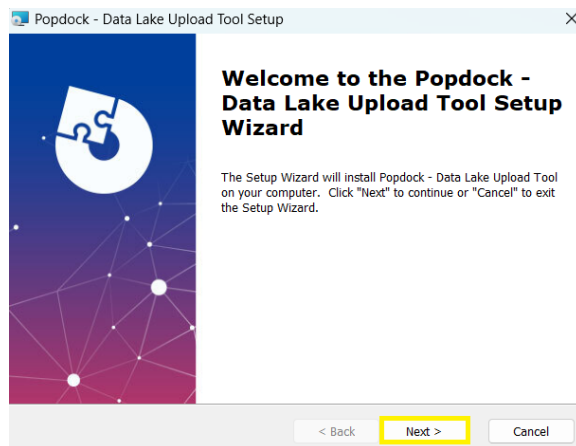
3 Run the setup wizard installation

The Data Lake Upload Tool Setup Wizard is an installer that places the files necessary to run the upload tool on the computer.

NOTE: Before running the setup wizard installation, make sure you have completed the required tasks under [prepare for the installation](#).

To install the Data Lake Upload Tool:

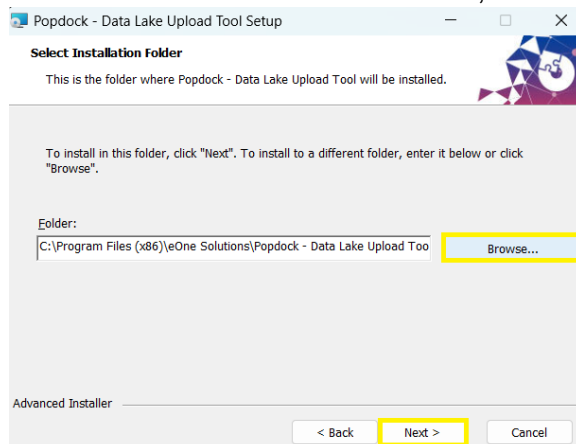
3.1 This is the welcome page, select **Next** to continue.



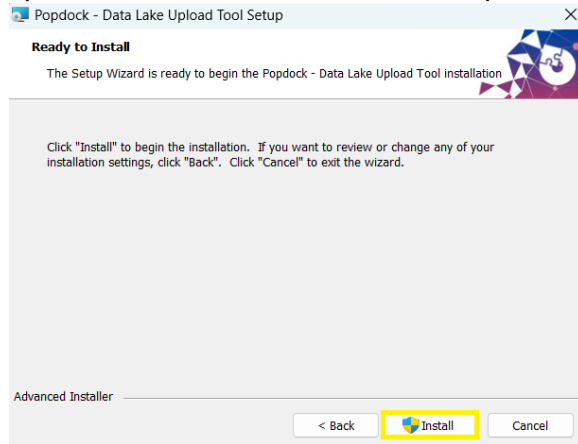
3.2 In **Select Installation Folder**, a default installation folder for the Data Lake Upload Tool files is selected.

NOTE: You can change the installation folder location, where the files to run the tool are copied, by pressing the **Browse** button and selecting another folder.

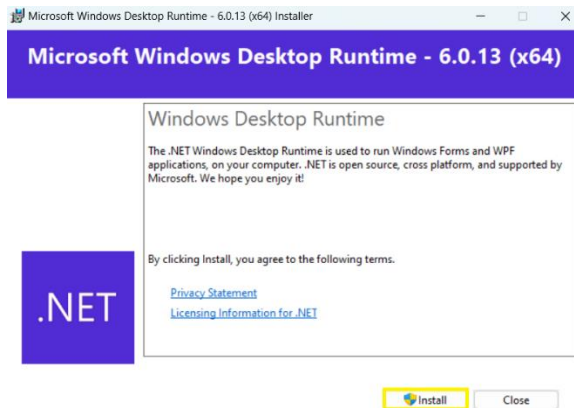
3.3 Select the default installation folder location, then **Next** to continue.



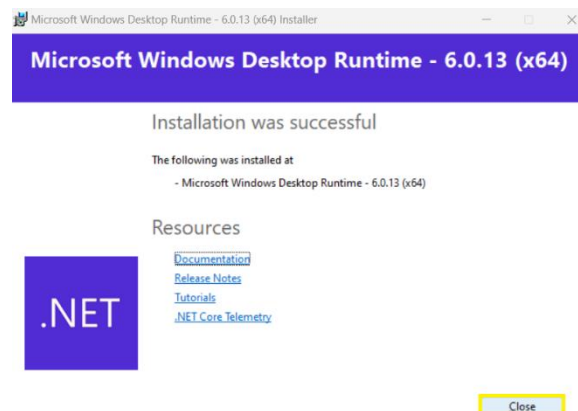
3.4 The Setup Wizard will install the software required by the upload tool.



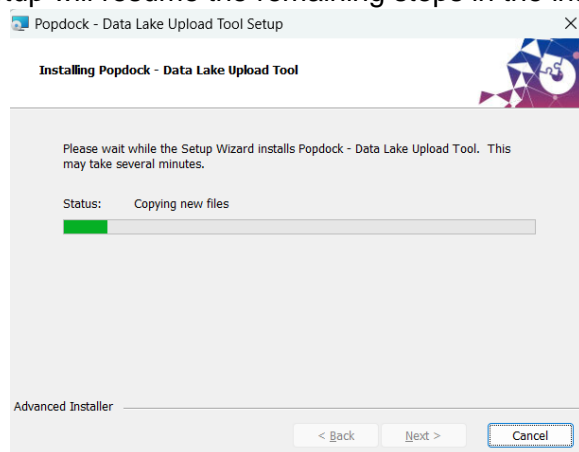
3.5 If the Windows Desktop Runtime 6.0.13 is not installed, on the computer that will run the Data Lake Upload Tool, it will be installed when you press the **Install** button.



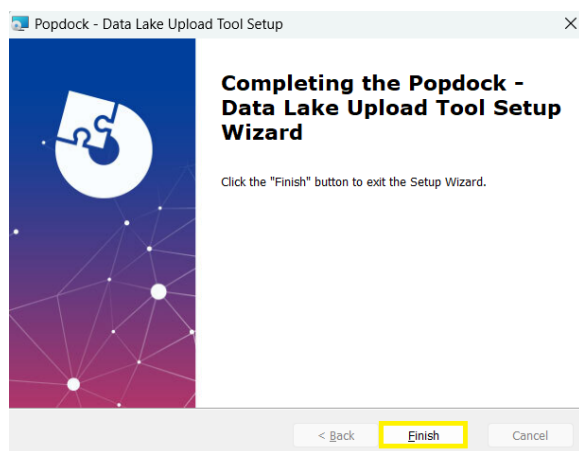
3.6 You will know the .NET Runtime installation is complete when you see this window, press the **Close** button.



3.7 The setup will resume the remaining steps in the installation automatically.



3.8 When you see this window, the setup wizard has successfully completed the installation, select the **Finish** button.



4 Copying Smartlists from Dynamics GP

NOTE: *To use the tool, make sure you have completed the tasks under [prepare for the installation](#) and run the setup wizard installation.*

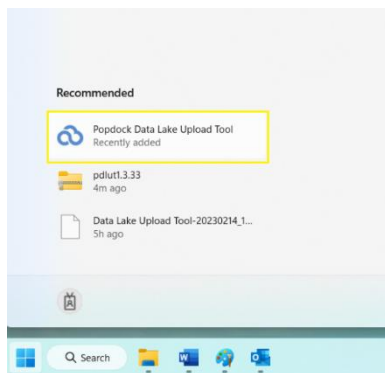
Once the setup wizard is completed successfully, the files necessary to run the Data Lake Upload Tool are installed on the computer and the tool is ready to use.

When porting your legacy data, it is recommended that you migrate both the Smartlists and the tables and views on your Dynamics GP servers. In this section you will migrate the Smartlists and in the next section the tables and views will be selected.

You will need the **account credentials list**, which you gathered earlier to use the Data Lake Upload Tool.

NOTE: *You will need the account credentials list to use the Data Lake Upload Tool. If you do not have the list, go back to the [prepare for the installation](#) section and complete the list.*

Go to the **Start Menu** and select **Popdock – Data Lake Upload Tool**.

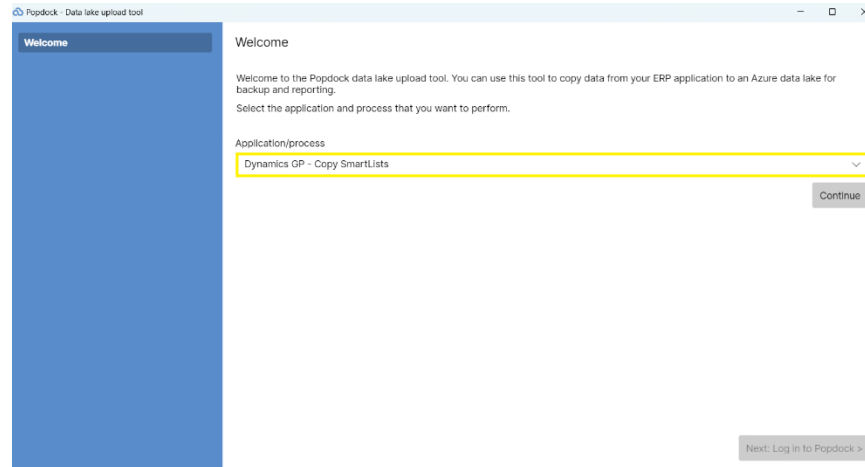


4.1 Welcome Page

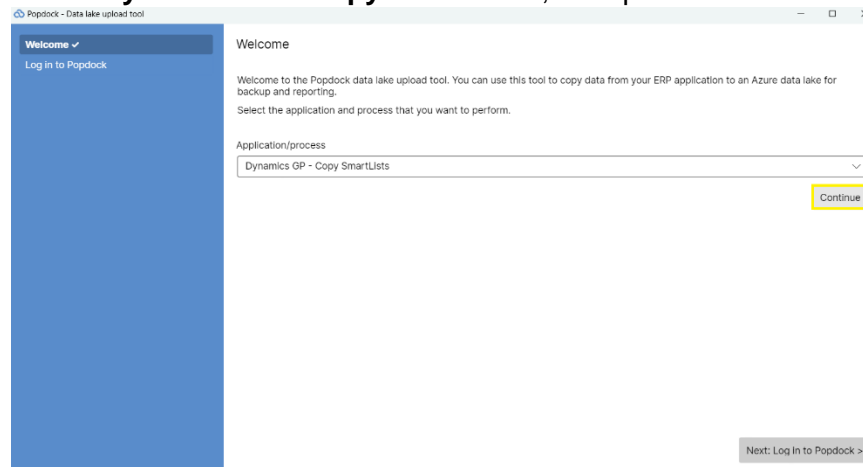
On the welcome page, you will have the option to copy from different systems. Here we will look at options that apply to Dynamics GP.

To get started, you will want to make a copy of the Smartlists from your Dynamics GP Server. These should be the lists you use most frequently, so copy them first. Once you have a copy of these Smartlists, you will re-run the tool to copy all the tables and views.

4.1.1 Select the dropdown arrow on the right, to view the available options.



4.1.2 Select **Dynamics GP- Copy SmartLists**, then press **Continue**.



4.2 Log in to your Popdock account

At the **Log in to Popdock** screen, you will provide the Popdock username, password, and account information for your account, which will be validated by the tool. The Popdock login entered should be the admin of the account.

4.2.1 At the log in screen, enter the **Username** and **Password** for the Popdock account admin, then press the **Log in** button to validate the credentials.

Popdock - Data lake upload tool

Welcome ✓

Log in to Popdock

Log in to your Popdock account

Enter your Popdock user name and password and click Log in.

Username

EnterYourUserName

Password

Log in

Next: Edit data lake settings >

4.2.2 If you have more than one account, the **Account** field will appear below Password. Select the dropdown arrow, below account, to view the list of available accounts.

Popdock - Data lake upload tool

Welcome ✓

Log in to Popdock

Log in to your Popdock account

Enter your Popdock user name and password and click Log in.

Username

EnterYourUserName

Password

Account

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eOne Solutions

Neon Rated

Oklahoma State Fair, Inc.

Next: Edit data lake settings >

4.2.3 Select an **Account**, then select the **Log in** button to re-validate the credentials.

Popdock - Data lake upload tool

Welcome ✓

Log in to Popdock

Log in to your Popdock account

Enter your Popdock user name and password and click Log in.

Username

EnterYourUserName

Password

Account

eOne Solutions

Clear

Log in

Next: Edit data lake settings >

- 4.2.4 If the login information cannot be confirmed as entered, you will see the error message below. Check your Popdock login username/password, then enter the information and select **Log in**.

Logging in...
An account using that username and password was not found

NOTE: The installation will not move to the next page until your Popdock credentials are successfully verified.

- 4.2.5 Once the login information is successfully validated, the installation process will automatically move to the next configuration page.

4.3 Connect to your Azure data lake

At the **Data Lake** screen, you will provide connection information for your Azure data lake and connector in Popdock. The installer will verify the information entered then proceed to the next step in the installation.

NOTE: You will need the account credentials list for this section.

- 4.3.1 Here you will select a data lake connector, enter the storage account, enter the container, and paste the shared key.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Storage account
List container
Shared key

Connect

< Previous: Popdock login Next: Edit database settings >

- 4.3.2 Select the dropdown arrow under **Data Lake connector** to display the list of Azure data lake connectors configured in your Popdock account.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector

- Azure Data Lake (joe-gp)
- Azure Data Lake (demosl)
- Azure Data Lake (gp-database)
- Azure Data Lake (crimson)
- Azure Data Lake (joe-nav-tables)
- Azure Data Lake (joe)
- Azure Data Lake (joe-sql)
- Azure Data Lake (joe-sl-lists)
- Azure Data Lake (joe-gp-tables)
- Azure Data Lake (joe-sl-tables)
- Azure Data Lake (joe-gp-lists)
- Azure Data Lake
- Azure Data Lake (joe-nav-lists)

< Previous: Popdock login Next: Edit database settings >

4.3.3 Select a Popdock **Data Lake** connector.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account

List container

Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.4 Enter the name of your **storage account**.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
YourAzureStorage

List container

Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.5 Enter the name of your **List container**.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
YourAzureStorage

List container
YourAzureContainer

Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.6 Copy and paste the contents of your **Shared key**.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
YourAzureStorage

List container
YourAzureContainer

Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.7 After entering the Azure Data Lake information, select the **Connect** button to validate.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake
Database

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
YourAzureStorage

List container
YourAzureContainer

Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.8 If the storage account, container, or shared key information is entered incorrectly, the installation will not move to the **Database** page and the error message below will be displayed.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
YourAzureStorage

List container
YourAzureContainer

Shared key

Could not authenticate you

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.9 Check your credential list Azure data lake information, then re-enter information, and select the **Log in button** to validate.

- 4.3.10 Once the connection to your Azure Data Lake connection is successfully validated, the installation process will automatically move to the next page.

4.4 Connect to your database

At the **Database** screen, you will provide connection information for the Dynamics GP database. The installer will use the server and login information to test the connection to your database server.

NOTE: *You will need the account credentials list for this section.*

- 4.4.1 Select the dropdown arrow under **Version** to display the list of versions available for your database application.

The screenshot shows the 'Connect to your database' screen in the 'Popdeck - Data lake upload tool'. On the left is a blue sidebar with navigation links: 'Welcome', 'Log in to Popdock', 'Data lake', and 'Database' (which is selected). The main area is titled 'Connect to your database' and contains the instruction 'Enter the credentials for your Dynamics GP database.' Below this are input fields for 'Version' (highlighted with a yellow box), 'Server', 'Port', 'System database', 'Username', and 'Password'. At the bottom right is a 'Connect' button. At the bottom left is a '< Previous: Edit data lake settings' button, and at the bottom right is a 'Next: Select databases >' button.

NOTE: *The dropdown list shows compatible versions of Dynamics GP from version 9 onwards. For assistance with older versions, contact support@eonesolutions.com.*

This screenshot shows the 'Version' dropdown menu open, displaying a list of Dynamics GP versions. The list includes: 'Dynamics GP 18.5 - October 2022 Release RTM (18.5.1556)', 'Dynamics GP 18.5 - October 2022 Release 2022 YE (18.5.1596)', 'Dynamics GP 18.4 - October 2021 Release RTM (18.4.1361)', 'Dynamics GP 18.4 - October 2021 Release 2021 YE (18.4.1384)', 'Dynamics GP 18.4 - October 2021 Release 2022 Mid-Year (18.4.1461)', 'Dynamics GP 18.3 - October 2020 Release RTM (18.3.1173)', 'Dynamics GP 18.3 - October 2020 Release 2020 YE (18.3.1200)', 'Dynamics GP 18.3 - October 2020 Release Jan 2021 (18.3.1233)', 'Dynamics GP 18.3 - October 2020 Release Jun 2021 (18.3.1290)', 'Dynamics GP 18.2 - October 2019 Release RTM (18.2.1013)', 'Dynamics GP 18.2 - October 2019 Release 2019 YE (18.02.1036)', 'Dynamics GP 18.2 - October 2019 Release 2020 Mid-Year (18.02.1100)', 'Dynamics GP 2018 RTM (18.00.0400)' (highlighted with a mouse cursor), 'Dynamics GP 2018 R2 (18.00.0628)', 'Dynamics GP 2018 2018 US YE (18.00.0672)', 'Dynamics GP 2018 Sept 2019 (18.00.0727)', and 'Dynamics GP 2016 RTM (16.00.0404)'. The sidebar and navigation links are the same as in the previous screenshot.

4.4.2 Select the software **Version** that matches your Dynamics GP server.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database

Connect to your database

Enter the credentials for your Dynamics GP database.

Version
Dynamics GP 2018 RTM (18.00.0400)

Server

Port

System database

Username

Password

Connect

< Previous: Edit data lake settings

Next: Select databases >

4.4.3 Under **Server**, enter the hostname of your database server.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database

Connect to your database

Enter the credentials for your Dynamics GP database.

Version
Dynamics GP 2018 RTM (18.00.0400)

Server
eonesba.eonesolutions.com

Port

System database

Username

Password

Connect

< Previous: Edit data lake settings

Next: Select databases >

4.4.4 Enter the **Port** being used by your SQL server to provide database services. The default port for database services is 1433, but before using it, confirm to [find the TCP Port number your SQL Instance is listening on](#).

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database

Connect to your database

Enter the credentials for your Dynamics GP database.

Version
Dynamics GP 2018 RTM (18.00.0400)

Server
eonesba.eonesolutions.com

Port
1433

System database

Username

Password

Connect

< Previous: Edit data lake settings

Next: Select databases >

4.4.5 Enter the name of the system database.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database

Connect to your database

Enter the credentials for your Dynamics GP database.

Version
Dynamics GP 2018 RTM (18.00.0400)

Server
eonesba.eonesolutions.com

Port
1433

System database
gpdynamics

Username

Password

Connect

< Previous: Edit data lake settings

Next: Select databases >

4.4.6 Enter the SQL Server user credentials, under **Username** and **Password**.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database

Connect to your database

Enter the credentials for your Dynamics GP database.

Version
Dynamics GP 2018 RTM (18.00.0400)

Server
eonesba.eonesolutions.com

Port
1433

System database
gpdynamics

Username
sa

Password

Connect

< Previous: Edit data lake settings

Next: Select databases >

NOTE: This SQL Server login user does not need administrative privileges or be the sa account.

4.4.7 Once all the information for the database server is entered, select the **Connect** button to validate.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database

Connect to your database

Enter the credentials for your Dynamics GP database.

Version
Dynamics GP 2018 RTM (18.00.0400)

Server
eonesba.eonesolutions.com

Port
1433

System database
gpdynamics

Username
sa

Password

Connect

< Previous: Edit data lake settings

Next: Select databases >

- 4.4.8 If any of the database server connection information is not entered correctly, an error message will appear, and the installer will not move to the next page.

The screenshot shows the 'Connect to your database' screen of the Popdock - Data lake upload tool. The left sidebar has a blue background with a menu: 'Welcome', 'Log in to Popdock', 'Data lake', and 'Database' (highlighted). The main area has the title 'Connect to your database' and the instruction 'Enter the credentials for your Dynamics GP database.' Below this are input fields for 'Version' (Dynamics GP 2018 RTM (18.00.0400)), 'Server' (eonesba.eonesolutions.com), 'Port' (1433), 'System database' (gpdynamics), 'Username' (sa), and 'Password' (masked with asterisks). A yellow box highlights an error message: 'A network-related or instance-specific error occurred while establishing a connection to SQL Server. The server was not found or was not accessible. Verify that the instance name is correct and that SQL Server is configured to allow remote connections. (provider: TCP/IP, error: 0 - A non-recoverable error occurred during a database lookup.)'. At the bottom are buttons for '< Previous: Edit data lake settings' and 'Next: Select companies >'. A 'Connect' button is also visible next to the error message.

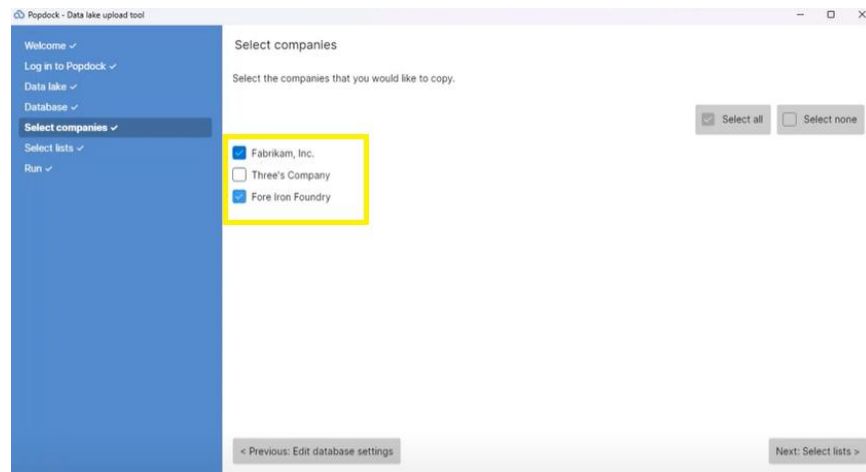
- 4.4.9 To find additional information on common error messages, go to the [troubleshoot the tool](#) section.
- 4.4.10 If a successful connection is made, the lists are loaded and the installer will move to the next page.

The screenshot shows the same 'Connect to your database' screen as before, but with a successful connection. The 'Loading lists...' button is highlighted with a yellow box. The 'Connect' button is now disabled. The error message is no longer present. The rest of the interface remains the same.

4.5 Select Companies

The **Select Companies** screen displays the available company databases to choose from. You will select the companies here, and in the next screen, you will be able to choose which lists to download.

- 4.5.1 Choose the companies by selecting the square to the left of the company name.

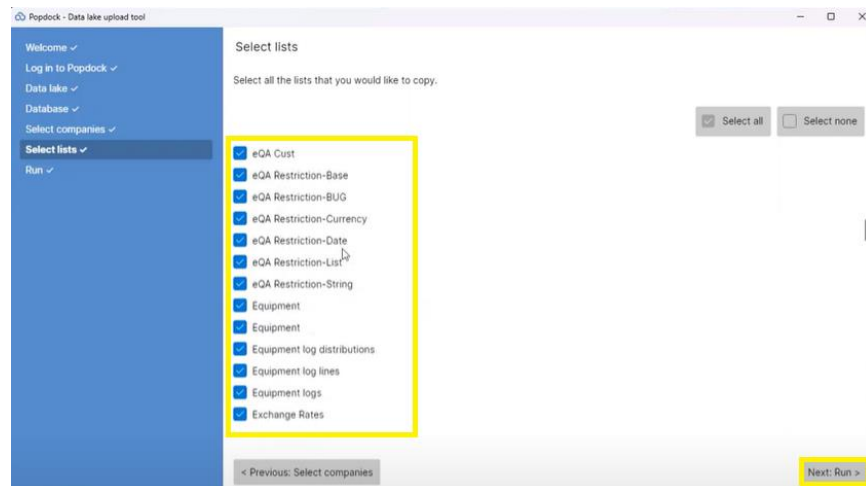


- 4.5.2 Select the box next to the companies you want to copy, then the **Next: Select lists** button.

4.6 Select Lists

On the **Select Lists** page, you will choose the lists you want to copy from the selected companies.

- 4.6.1 Choose the **Lists** you would like to upload, by selecting the box to the left of each list.



- 4.6.2 After choosing your lists, select the **Next: Run** button.

4.7 Run

The Data Lake Upload Tool will start the import process immediately. At the **Run** screen, the upload tool will make the necessary connections, download the data to the computer running the data lake upload tool, then upload it to the data lake.

Once the tool has finished running, you will see the **Report** screen.

4.7.1 The **Report** screen shows the final status of the import process.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓
Select companies ✓
Select lists ✓
Run ✓
Report

Run again View data files View logs Re-run selected failures

Company	Name	Records	Bytes	Status	Retry
Fabrikam, Inc.	AA History Transactions	4	502B	Success	✓
Fabrikam, Inc.	AA Open Transactions	22160	1.60MB	Success	✓
Fabrikam, Inc.	Accounting classes	1	73B	Success	✓
Fabrikam, Inc.	All Companies 2	3	1.15KB	Success	✓

NOTE: The Smartlists that were selected have finished copying and the status shows that it was a **Success**.

4.7.2 Now that the Smartlists have been copied, proceed to copying the Dynamics GP tables and views.

4.7.3 You can use the **Run Again** button on the **Report** page, to run the tool without having to reenter your login credentials.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓
Select companies ✓
Select lists ✓
Run ✓
Report

Run again View data files View logs Re-run selected failures

Company	Name	Records	Bytes	Status	Retry
Fabrikam, Inc.	AA History Transactions	4	502B	Success	✓
Fabrikam, Inc.	AA Open Transactions	22160	1.60MB	Success	✓
Fabrikam, Inc.	Accounting classes	1	73B	Success	✓
Fabrikam, Inc.	All Companies 2	3	1.15KB	Success	✓

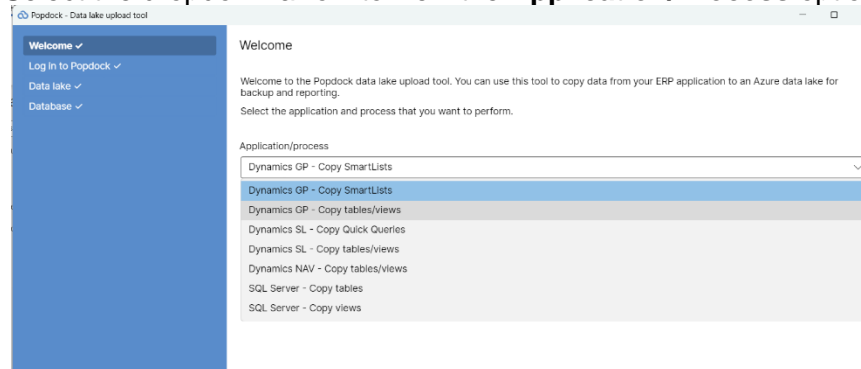
4.7.4 Select the **Run Again** button, the installer will return to the **Welcome** screen and start the configuration process again.

5 Copying Tables/Views from Dynamics GP

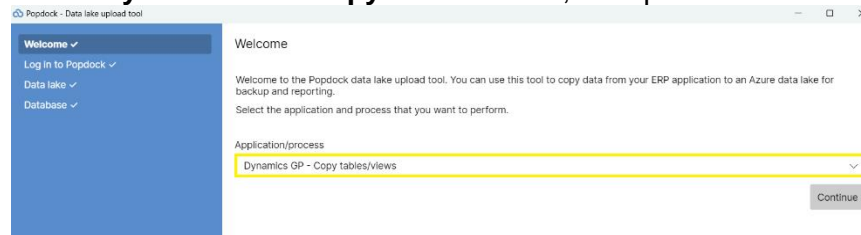
When porting your legacy data, you will migrate both the Smartlists and the tables and views on your Dynamics GP servers. You uploaded the Smartlists in the previous section, now the tables and views will be selected for migration.

5.1 Welcome Page

5.1.1 Select the dropdown arrow to view the **Application/Process** options.



5.1.2 Select **Dynamics GP- Copy tables/views**, then press **Continue**.

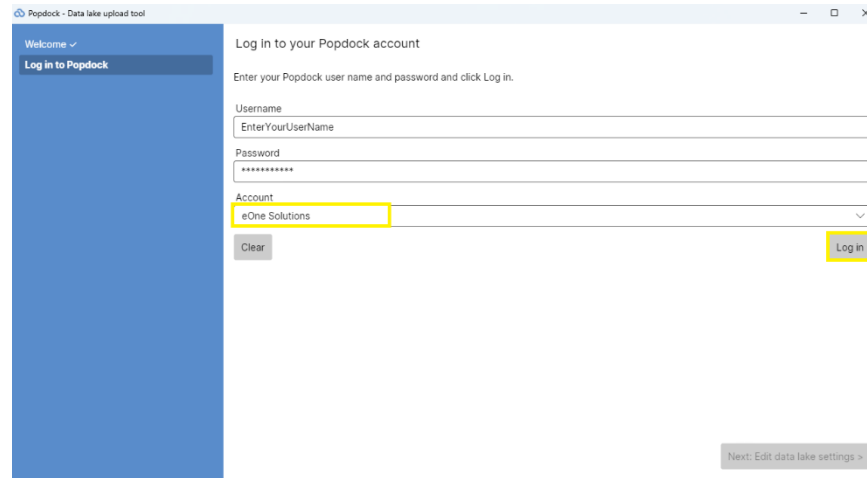


5.2 Log in to your Popdock account

The **Log in to Popdock** screen will display the Popdock username, password, and account information you logged in with previously. You have two options at this screen, update your Popdock credentials or use the same authenticated credentials by selecting the **Next: Edit data lake settings** button.

- 5.2.1 To make changes to your Popdock **Username** and **Password**, re-enter your credentials, then select **Log in**.

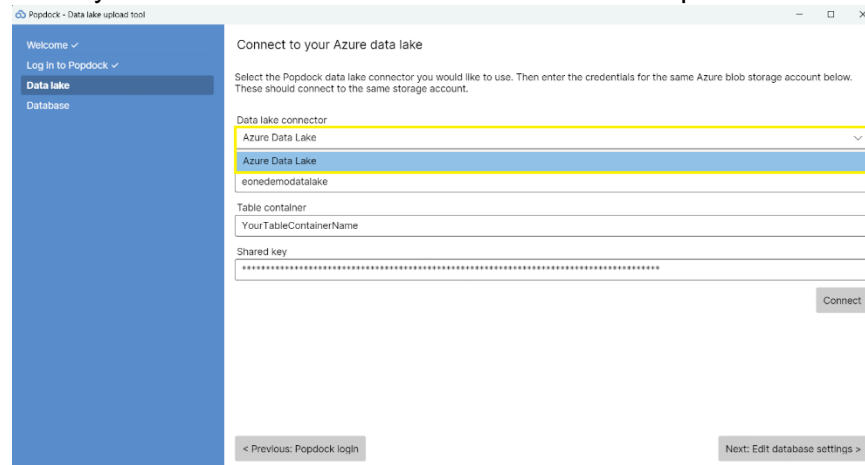
If you want to use the same credentials, then select the **Log in** button to continue.



5.3 Connect to your Azure data lake

The **Data Lake** screen will display the Azure Data Lake information you logged in with previously.

- 5.3.1 Select your Azure Data Lake connector from the dropdown list.



- 5.3.2 Select the **Connect** button to continue.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake
Database

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
eonedemodata lake

Table container
YourTableContainerName

Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

5.4 Connect to your database

The **Database** screen will display the Dynamics GP database information you logged in with previously. At this screen, you can update your DB server and/or login information, or you can use the same authenticated information by selecting the **Next: Select databases** button.

- 5.4.1 To update your database server information, make changes to your settings then select the **Connect** button to re-validate.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database

Connect to your database

Enter the credentials for your Dynamics GP database.

Server
eonesba.eonesolutions.com

Port
1433

System database
gpdynamics

Username
sa

Password

Connect

- 5.4.2 To continue with the same database information, select the **Connect** button to re-validate and move to the next screen.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database

Connect to your database

Enter the credentials for your Dynamics GP database.

Server
eonesba.eonesolutions.com

Port
1433

System database
gpdynamics

Username
sa

Password

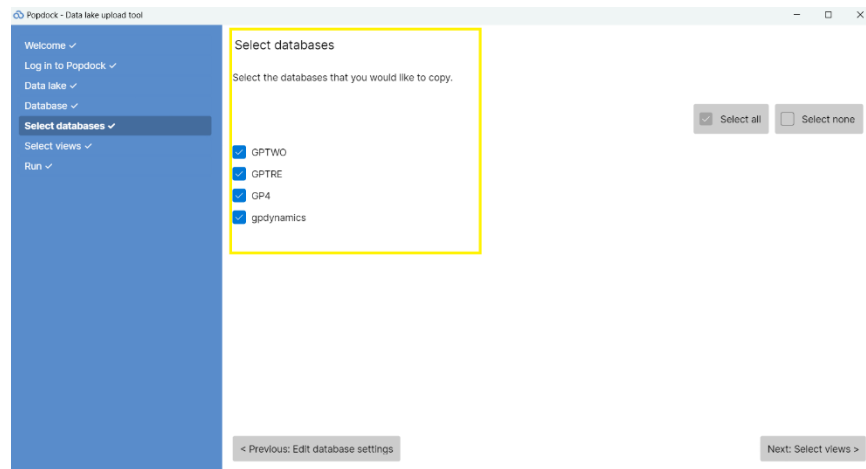
Connect

Next: Select databases >

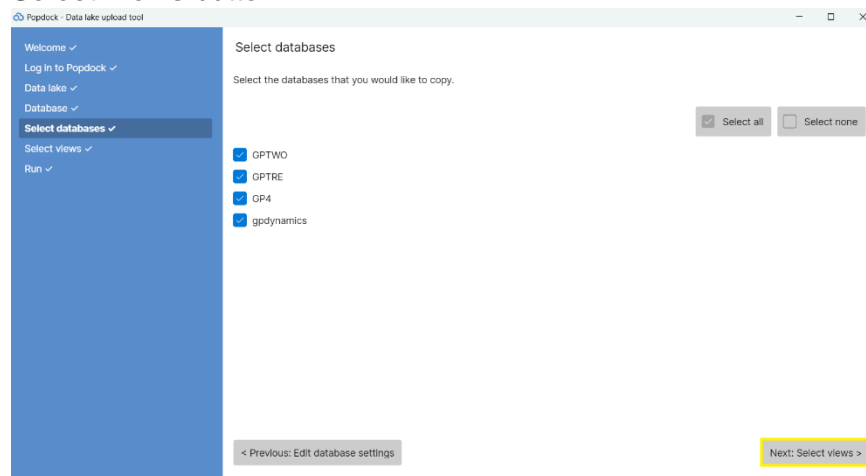
5.5 Select Databases

The **Select Databases** screen displays the available company databases to choose from. You will select the databases here, and in the next screen, you will be able to choose which views to download.

5.5.1 Choose the **Databases** by selecting the square to the left of the company name.



5.5.2 Select the box next to the companies you want to copy, then the **Next: Select views** button.



5.6 Select Views

At the **Select Views** page, you will choose the views you want to copy from the selected databases. By default, no views will be selected.

5.6.1 Choose the **Views** you would like to upload, by selecting the box next to each view.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓
Select databases ✓
Select views ✓
Run ✓

Select views

Select all the views that you would like to copy.

☒ Select all ☐ Select none

- ☒ GPTWO AAAccountingClasses
- ☒ GPTWO aaActualBudgetInquiryView
- ☐ GPTWO aaActualBudgetInquiryViewAlt
- ☒ GPTWO AAPOPDOCKTEST
- ☐ GPTWO AADistributionQueries
- ☐ GPTWO AAG00200FL
- ☒ GPTWO AAG00200L
- ☐ GPTWO AAG00200V
- ☐ GPTWO AAG00401V
- ☒ GPTWO AAG00401V1
- ☐ GPTWO AAG00800V
- ☐ GPTWO AAG00900V
- ☐ GPTWO AAG00903V

Previous: Select databases > Next: Run >

NOTE: When selecting views, only choose the ones you use frequently.

5.6.2 Select the **Next: Run** button.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓
Select databases ✓
Select views ✓
Run ✓

Select views

Select all the views that you would like to copy.

☒ Select all ☐ Select none

- ☒ GPTWO AAAccountingClasses
- ☒ GPTWO aaActualBudgetInquiryView
- ☐ GPTWO aaActualBudgetInquiryViewAlt
- ☒ GPTWO AAPOPDOCKTEST
- ☐ GPTWO AADistributionQueries
- ☐ GPTWO AAG00200FL
- ☒ GPTWO AAG00200L
- ☐ GPTWO AAG00200V
- ☐ GPTWO AAG00401V
- ☒ GPTWO AAG00401V1
- ☐ GPTWO AAG00800V
- ☐ GPTWO AAG00900V
- ☐ GPTWO AAG00903V

Previous: Select databases > Next: Run >

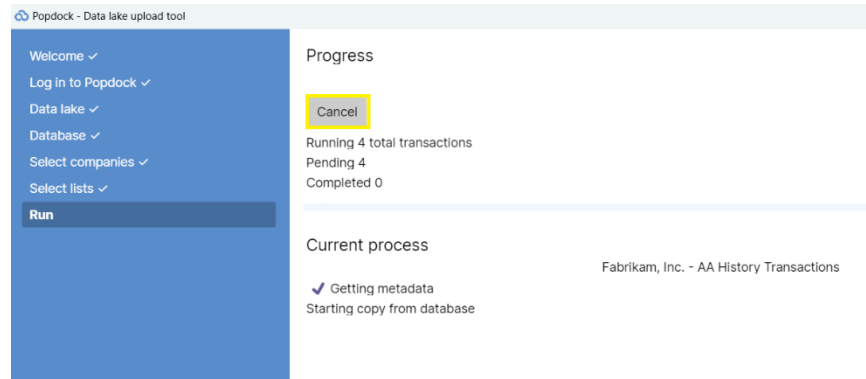
5.7 Run

The Data Lake Upload Tool will start the import process again.

Below are the options available on the Run page:

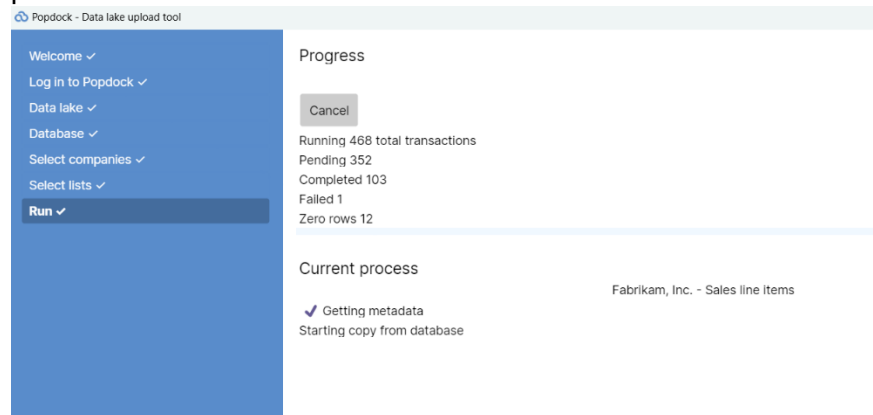
5.7.1 *Cancel the download*

Select the **Cancel** button to stop the upload and make changes to the settings in the upload tool, i.e., Data Lake, Database, etc.



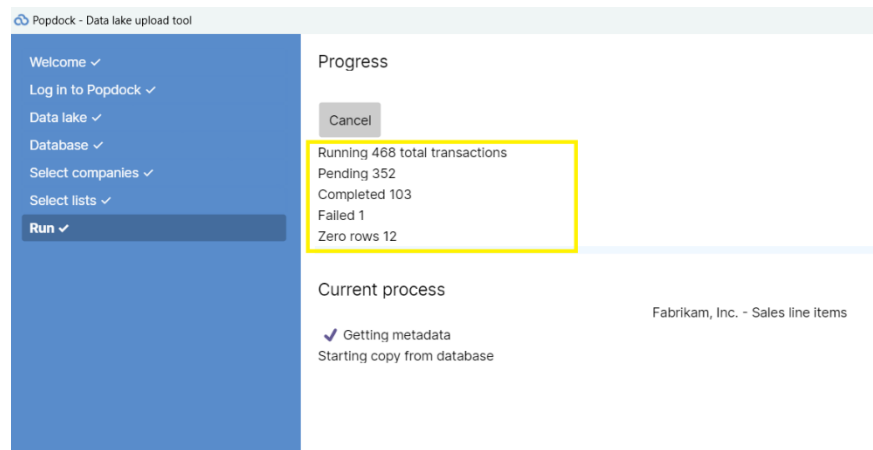
5.7.2 Track upload progress

5.7.2.1 The **Progress** section shows the overall status of the upload process.

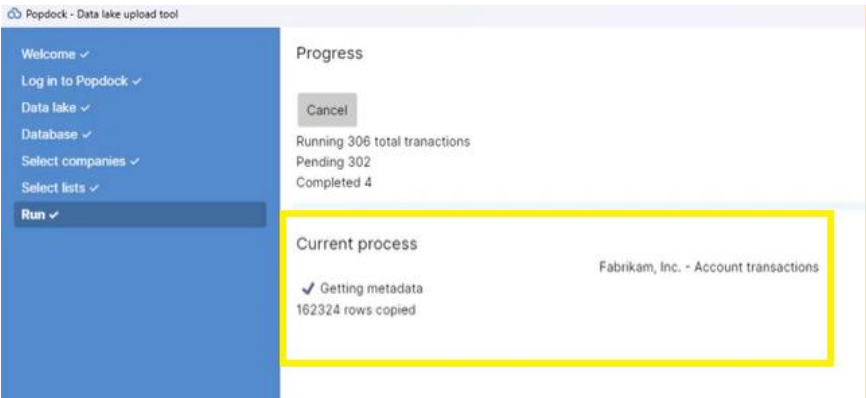


You can view the statuses below in the Progress section:

- “**Running**” is the total number to upload.
- “**Pending**” is the remaining number to upload.
- “**Completed**” is the number that uploaded successfully.
- “**Failed**” is the number that failed to upload due to an error.
- “**Zero rows**” is the number that were not uploaded due to having zero rows of data.



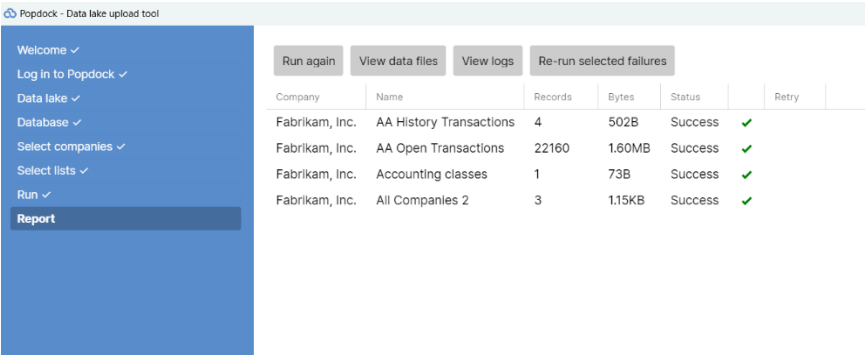
5.7.2.2 The **Current process** section displays the ongoing tasks the upload tool is performing and their status.



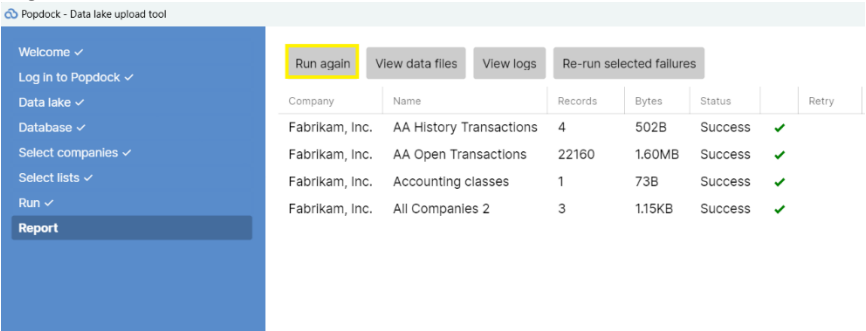
5.7.3 The **Report** screen will appear at the end of the upload.

You can view the statuses below in the Progress section:

- **“Success”** means the upload was successful.
- **“Failed”** means the upload failed due to an error.
- **“Skipped”** means the upload was skipped due to zero rows of data.
- **“Cancelled”** means the upload was cancelled.



5.7.4 Use the **Run again** button to execute the tool, without having to reenter login credentials.



 Popdock - Data lake upload tool

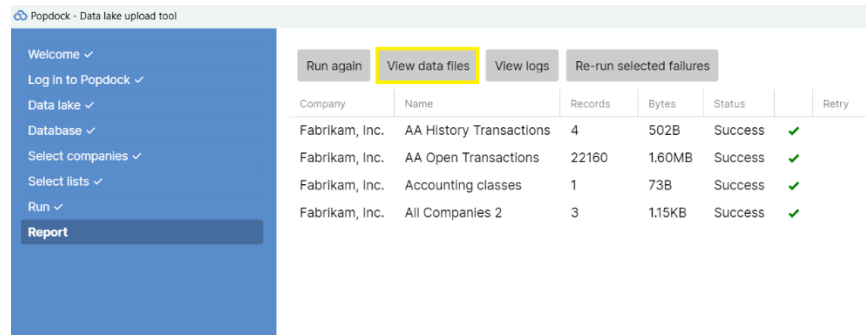
You can use the log files to fix the upload errors or send them to

[illegible]

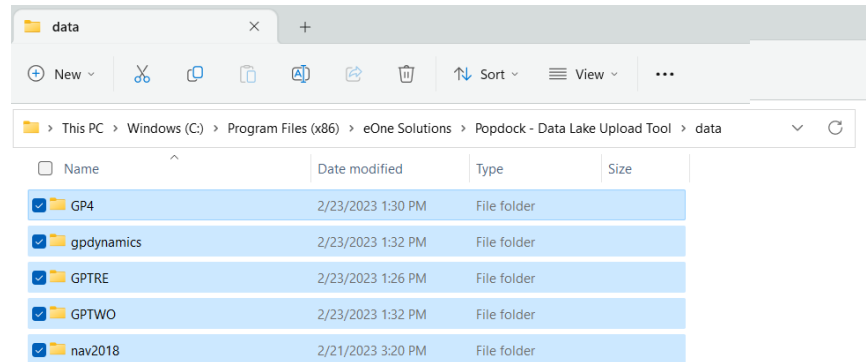
 Poddock - Data lake upload tool

NOTE 16

• • •



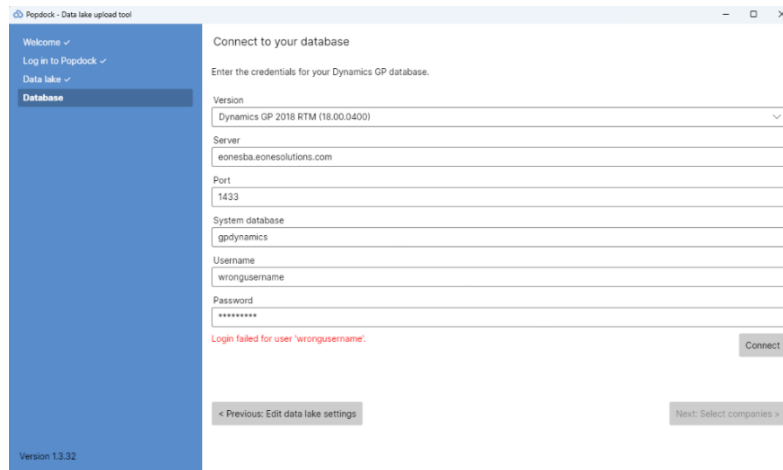
5.7.9 Select the **View Data Files** button, to open the folder where the csv files are stored.



5.7.10 These files can take up space on your computer, so you can either copy these files to another location or delete them from the computer.

6 Troubleshoot the tool

6.1 Database “Login Failed” Error



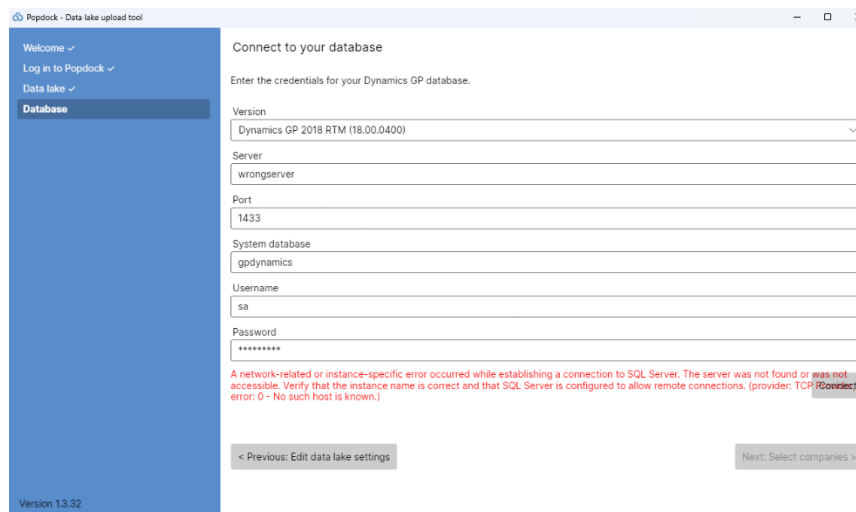
The screenshot shows the 'Popdock - Data lake upload tool' window. On the left is a blue sidebar with navigation links: 'Welcome', 'Log in to Popdock', 'Data lake', and 'Database' (which is selected). The main area is titled 'Connect to your database' and contains a form for entering Dynamics GP database credentials. The form fields are: Version (dropdown menu showing 'Dynamics GP 2018 RTM (18.00.0400)'), Server (text box with 'eonesba.eonesolutions.com'), Port (text box with '1433'), System database (text box with 'gpdynamics'), Username (text box with 'wrongusername'), and Password (text box with masked characters). Below the password field, a red error message reads: 'Login failed for user "wrongusername".' To the right of the error message is a 'Connect' button. At the bottom of the form are two buttons: '< Previous: Edit data lake settings' and 'Next: Select companies >'. The version 'Version 1.3.32' is displayed in the bottom left corner of the sidebar.

If you get the “**login failed for user**” error, check that your **username** and **password** are:

- Typed correctly
- SQL server login credentials
- Have access to the system database

NOTE: For further assistance with connecting to your database server, contact support@eonesolutions.com.

6.2 Database “Server not found” Error



The screenshot shows the 'Popdock - Data lake upload tool' window with the same sidebar as the previous image. The main area is titled 'Connect to your database' and contains a form for entering Dynamics GP database credentials. The form fields are: Version (dropdown menu showing 'Dynamics GP 2018 RTM (18.00.0400)'), Server (text box with 'wrongserver'), Port (text box with '1433'), System database (text box with 'gpdynamics'), Username (text box with 'sa'), and Password (text box with masked characters). Below the password field, a red error message reads: 'A network-related or instance-specific error occurred while establishing a connection to SQL Server. The server was not found or was not accessible. Verify that the instance name is correct and that SQL Server is configured to allow remote connections. (provider: TCP/IP error: 0 - No such host is known.)' To the right of the error message is a 'Connect' button. At the bottom of the form are two buttons: '< Previous: Edit data lake settings' and 'Next: Select companies >'. The version 'Version 1.3.32' is displayed in the bottom left corner of the sidebar.

The “Server is not found or was not accessible” error will appear, if the computer running the data lake upload tool, cannot connect to the database server.

In that case, you should:

- Make sure the server name is spelled correctly.
- Confirm that the server port entered matches the port on the SQL server.

- Check that the SQL server is up and running.

NOTE: *For further assistance with connecting to your database server, contact support@eonesolutions.com.*