

# Set up DataSync Agent to share to Snowflake

Gold

You can configure your Perspectium DataSync Agent to share data from ServiceNow or Salesforce to a Snowflake database by changing some additional [configurations in your agent.xml file](#).




## NOTE:

- The **Snowflake JDBC driver 3.8.0** will come packaged with your Perspectium DataSync Agent in order to address a known issue with use of OSCP for certificate revocation status.
- The Snowflake [auto suspend/resume](#) feature is compatible with your Perspectium DataSync Agent.
- Your Snowflake [warehouse size](#) dictates the processing power given to the database the DataSync Agent will write to.



If you also using the [Snowflake Bulk Load Meshlet](#) to connect to the same database, you will want to configure the Agent to use the same [column cases](#). By default, the Meshlet uses **lowercase** for the column names. Also, the [QUOTED\\_IDENTIFIERS\\_IGNORE\\_CASE](#) setting in Snowflake should be kept with its default value of **false**.

## Prerequisites

-  First, you will need to install a [DataSync Agent](#) Agent.
-  You will also need to [create a ServiceNow dynamic share/bulk share](#) or [create a Salesforce dynamic share/bulk share](#).
-  Finally, make sure to [stop running your DataSync Agent](#) before making any Agent configuration changes.

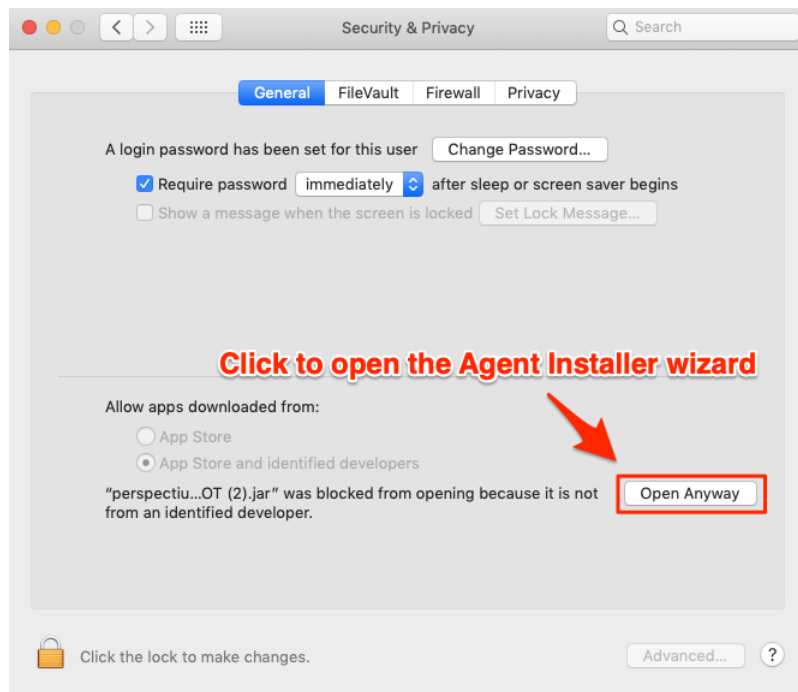
## Procedure

To set up your DataSync Agent to share application data to a Snowflake database, follow these steps:

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### Open the Agent Installer

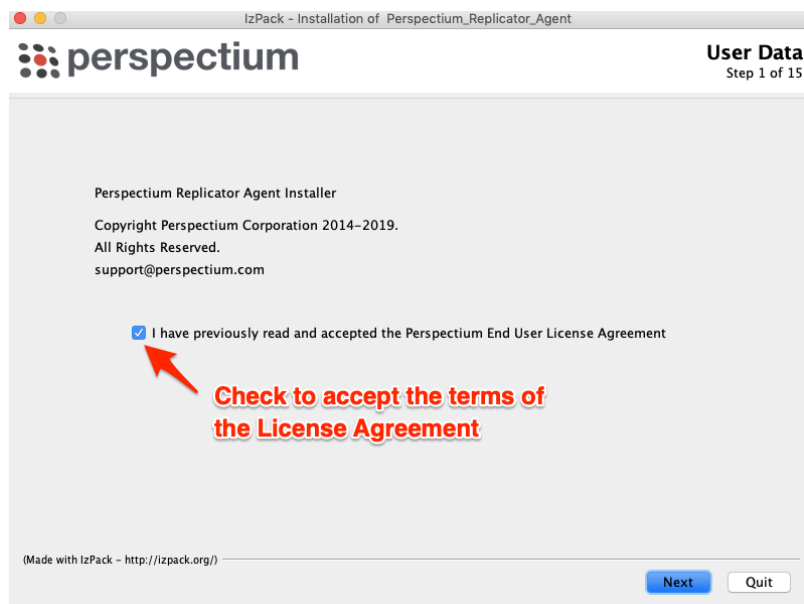
Open the **Agent Installer** .jar file. If you didn't receive this file, you can request one from [Perspectium Support](#). A pop-up may appear indicating that the Agent Installer file can't be opened because it is from an unidentified developer. If this happens, click **OK** to close the pop-up and then navigate to **System Preferences > Security & Privacy**. Under the **General** tab, locate the section beginning with **Allow apps downloaded from:** and click **Open Anyway**. Then, click **Open** in the resulting pop-up to open the Agent Installer wizard.



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## Accept the End User License Agreement terms

Check the box to accept the terms of the [Perspectium End User License Agreement](#). Then, click **Next**.

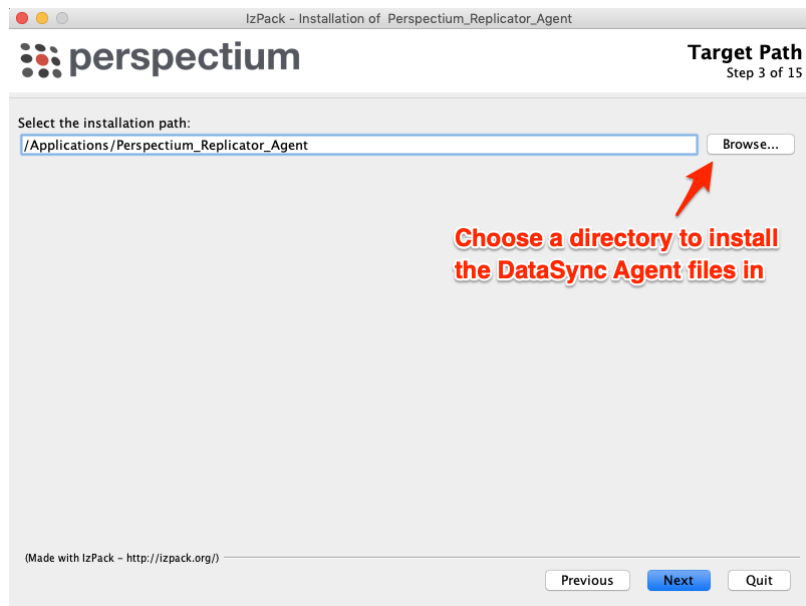


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## Choose an installation path and JDK/JRE directory

Choose a directory to install the DataSync Agent files in. If you specify a new directory, that directory will first be created and then populated with the Agent files. Then, click **Next**. On the resulting window, you will be asked to choose the directory where your Java JDK or JRE is installed. In most cases, you can accept the default directory here and then click **Next**.

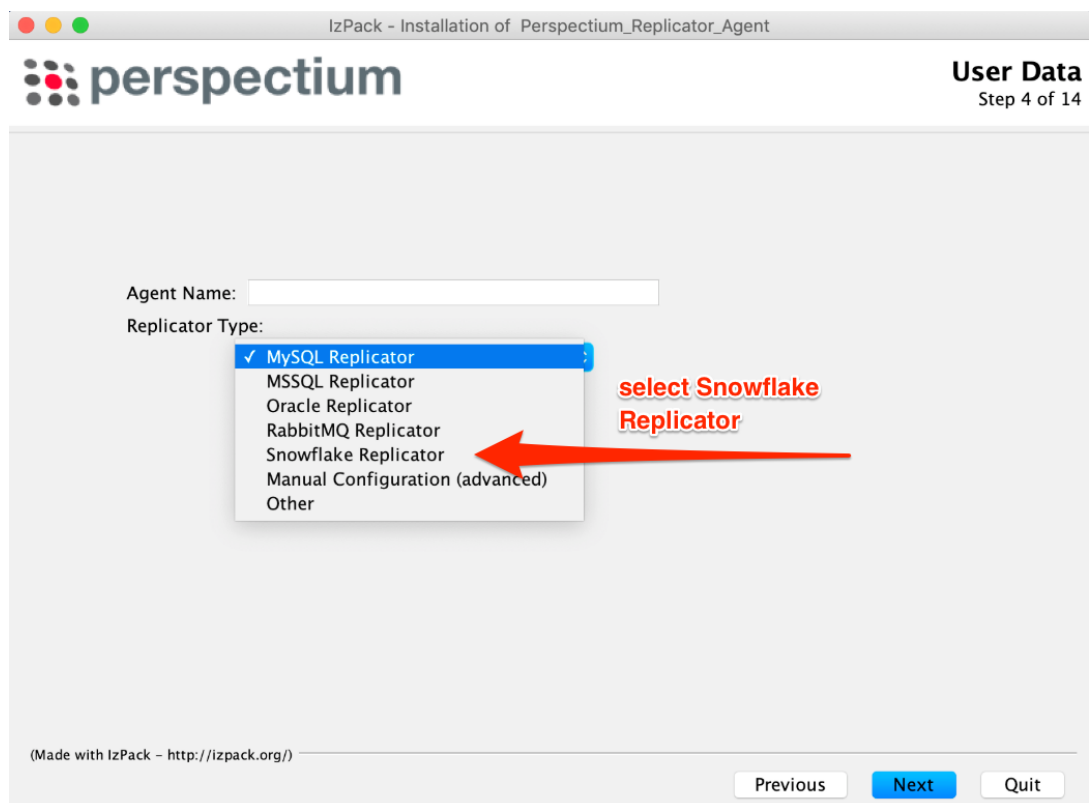
**blocked URL NOTE:** Your JDK/JRE must be version 1.8.0 or higher.



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## Choose your Replicator Type

Use the drop down to choose **Snowflake Replicator** as your Replicator Type.



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## Enter Perspectium Mesh authentication info

On the resulting page, enter the following to allow your DataSync Agent to authenticate when connecting to the Perspectium Integration Mesh:

Field	Information to enter
Server	Your Perspective Integration Mesh URL ( <b>excluding</b> "http://", "https://", "amqp://", or "amqps://") e.g., <a href="#">us-east-3-dev.perspective.net</a>
User	Username used to connect to the Perspective Integration Mesh
Enter Password	Password used to connect to the Perspective Integration Mesh <b>blocked URL NOTE:</b> If you don't know or you forgot your Perspective Integration Mesh server URL, username, and/or password, contact <a href="#">Perspective Support</a> .
Retype Password	Password used to connect to the Perspective Integration Mesh
Queue Name	Name of the queue that will store data being shared from your ServiceNow instance to your database. Simply replace the <b>you rqueue</b> text here with the <b>name of your ServiceNow instance</b> ; e.g., dev12345
Encryption /Decryption Key	A key of 24+ characters (for base64, TripleDES, and AES-128 encryption) or 32+ characters (for AES-256 encryption), including spaces, which will be used to encrypt data being shared from your ServiceNow instance to your database.
Max Reads	A maximum number of data messages that your DataSync Agent will read from the queue each time messages are processed
Polling Interval (sec)	Time period (in seconds) for which your DataSync Agent will process messages from your shared queue

Then, click **Next** to continue to the next step.

**perspectium** User Data  
Step 6 of 15

**Enter your Perspective Mesh URL**

Enter the information for accessing the Perspective Cloud Server:

Server:

User:

Enter Password:

Retype Password:

**Enter Perspective Mesh login info**

Enter the information for your agent:

Queue Name:

Encryption/Decryption Key:

Max Reads:

Polling Interval (sec):

**Enter ServiceNow instance name after "replicator"**

**Type an encryption key (24+ chars including spaces) for data being shared out of your ServiceNow instance**

(Made with IzPack - <http://izpack.org/>)

Previous Next Quit

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## Enter information for connecting to your Snowflake Database

Enter your **Server, User, User Role, password, Warehouse, Database and Schema**.

IzPack - Installation of Perspective\_Replicator\_Agent

**perspectium**

**User Data**  
Step 6 of 14

Enter the information required to connect to ServiceNow

Instance:

User:

Enter Password:

Retype Password:

Enter the information required to connect to your database

Server:

User:

User Role:

Enter Password:

Retype Password:

Warehouse:

Database:

Schema:

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## Finish the agent installer

Follow the steps to install the [DataSync for ServiceNow Agent](#) or the [DataSync for Salesforce Agent](#)

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## Run your DataSync Agent

[Start running your DataSync Agent.](#)

## Similar topics

- [Set up DataSync Agent to share to HP Vertica](#)
- [Database indexes](#)
- [Set up DataSync Agent to share to MySQL](#)
- [DataSync for ServiceNow \(Replicator\)](#)
- [Get started with the DataSync Agent](#)

## Contact Perspective Support



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