



Data Replication

Setup Notes for Replicating with Snowflake®

Version 9.8.1

Software Release Date: 11/30/2021



<https://support.hitsw.com>

Document History

Version	Author	Date	Reviewer	Date	Comments
1	JHLorenzin	4/14/20	ALaspertini	3/16/20	
2	JHLorenzin	11/30/21	AMillalen		

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Syniti Data Replication

These notes provide essential information for setting up replications using **Snowflake** cloud data platform as:

- A target for Mirroring (change data capture)
- A source or target for Refresh replications

For complete details on the setup process, check the *User Guide* available from the Management Center **Help** menu or the *Setup Guide*, available for download in the [Help Center](#).

Connection Type

Snowflake ODBC driver version 2.20 or above, available for download via a Snowflake documentation link:

<https://docs.snowflake.net/manuals/user-guide/odbc-download.html>

NOTE: This driver requires the Microsoft Visual C++ Redistributable for Visual Studio 2015.

Add a Source/Target Connection Wizard

NOTE: If using Snowflake as a source in Refresh replications, perform the following steps in the **Add Source Connection wizard**.

For Refresh or Mirroring replications to a Snowflake target, configure a target connection in the Management Center using the information below. More information on the steps to configure a connection can be found in the User Guide (available from the Management Center) or the Setup Guide available for download in the [Help Center](#).

Select Provider Screen

The screenshot shows the 'Add Target Connection Wizard' window. The title bar reads 'Add Target Connection Wizard'. The main window has a blue header with the text 'Syniti Data Replication'. Below the header, there is a section titled 'Select the database target where to replicate data and indicate which provider to use.' This section contains a 'Target name' field with the text 'Snowflake-T1' entered. Below this is a 'Data Provider(s)' section with two dropdown menus: 'Database' set to 'Snowflake' and 'Provider' set to 'Snowflake ODBC Driver'. On the left side of the window, there is a sidebar with the following steps: 'Select provider', 'Set connection string', 'Set staging connection string', 'Select tables', 'Actions', and 'Summary'. At the bottom of the window, there are four buttons: '< Back', 'Next >', 'Cancel', and 'Help'.

Select Snowflake in the **Database** field.
The **Provider** field automatically shows Snowflake ODBC Driver.

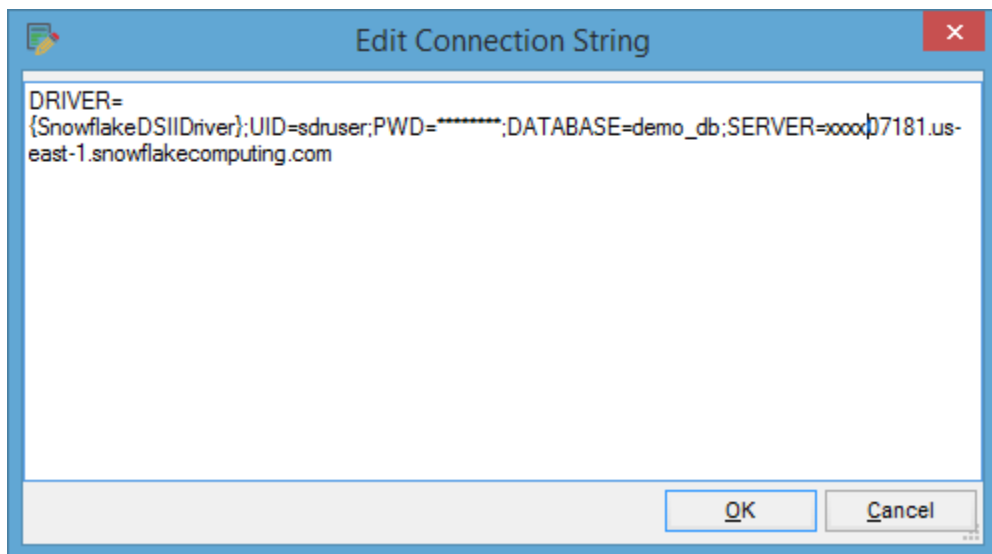
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Set Connection String Screen

Type an ODBC connection string in the field next to **Connection String** using the format in the sample connection string below.

```
DRIVER={SnowflakeDSIIDriver};UID=myUser;PWD=myPassword;DATABASE=myDB;SERVER=myServer;
```

NOTE: Clicking ... in the Connection String field opens up a dialog from the Snowflake ODBC driver that allows you to specify connection parameters but there can be an issue with saving the parameters. It is highly recommended that you specify the connection string by typing/pasting it in.



Last Updated on 11/30/2021