

ODBC Connection Setup – Windows 10

Before continuing with this process you will be needing the following information from the database developer:

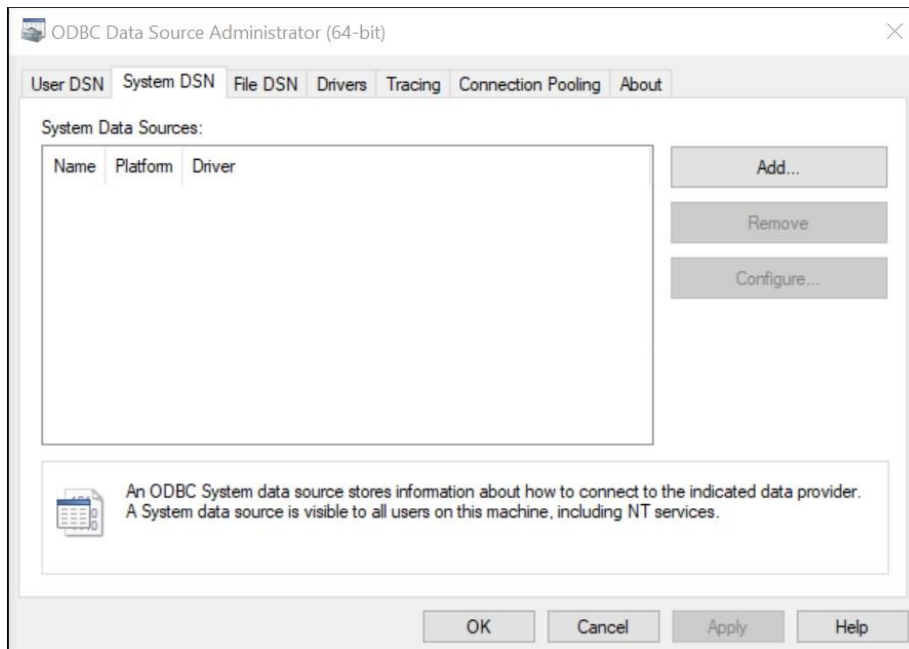
1. The server path
2. Login ID
3. Password
4. The default Database name that must be typed in and NOT selected from the dropdown list.

An ODBC connection is required to connect your Microsoft Access database front-end to the Azure cloud SQL database back-end.

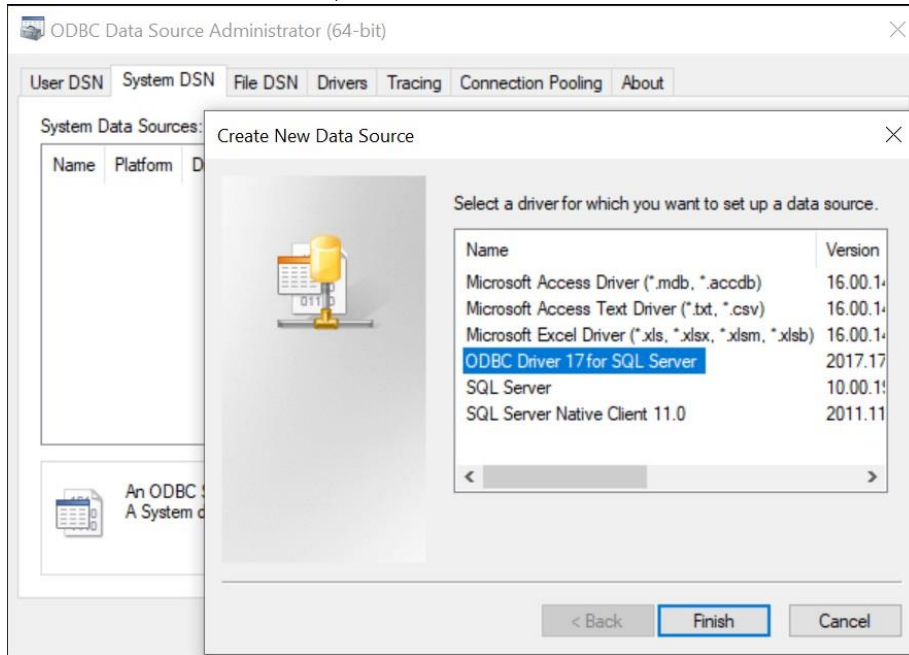
You should download and install the Microsoft® ODBC Driver 17 for SQL Server from the following web page:

[Download ODBC Driver for SQL Server - ODBC Driver for SQL Server | Microsoft Docs](#) When the driver has been installed type 'ODBC' in the Search bar bottom left of your screen. Then select the ODBC Data Source App that matches your PC. 32-bit or 64-bit.

The below ODBC Data Source Administrator opens. Select the 'System DSN' tab and click the 'Add' button.



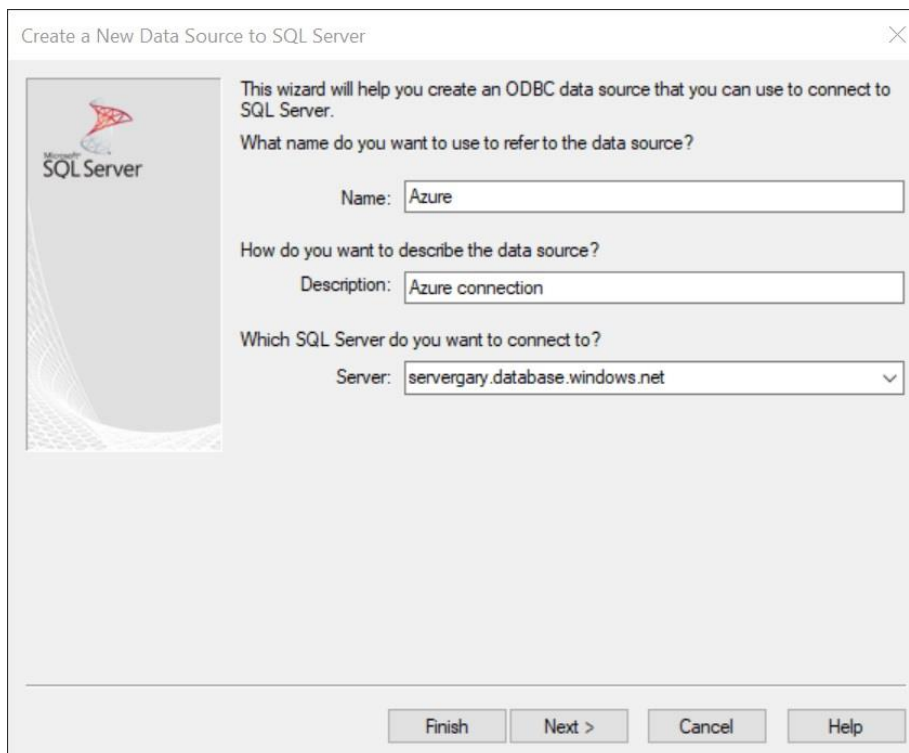
Create New Data Source opens as below. Click 'ODBC Driver 17 for SQL Server' and then click the 'Finish' button.



The below connection wizard opens. For Name enter 'Azure' and for Description enter 'Azure connection'.

The Server path to be entered will have been sent to you before beginning this process.

Click the 'Next' button



The SQL Server login options screen appears as below. Select the 3rd option 'With SQL Server authentication using a login ID and password entered by the user'.

Enter the Login ID and Password you have been given and click the 'Next' button.

How should SQL Server verify the authenticity of the login ID?

With Integrated Windows authentication.
SPN (Optional):

With Azure Active Directory Integrated authentication.

With SQL Server authentication using a login ID and password entered by the user.

With Azure Active Directory Password authentication using a login ID and password entered by the user.

With Azure Active Directory Interactive authentication using a login ID entered by the user.

With Azure Managed Service Identity authentication.

With Azure Service Principal authentication.

Login ID:

Password:

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On the screen below, tick the checkbox 'Change the default database to:' type in the database name you have been given. DO NOT OPERATE THE DROPDOWN BUTTON. Click 'Next'.

Change the default database to:
database 1

Mirror server:

SPN for mirror server (Optional):

Attach database filename:

Use ANSI quoted identifiers.

Use ANSI nulls, paddings and warnings.

Application intent: READWRITE

Multi-subnet failover.

Transparent Network IP Resolution.

Column Encryption.

Enclave Attestation Info:

Use FMTONLY metadata discovery.

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The screen below appears. Click 'Finish'.

Change the language of SQL Server system messages to:
(Default)

Use strong encryption for data.

Trust server certificate.

Perform translation for character data.

Use regional settings when outputting currency, numbers, dates and times.

Save long running queries to the log file:
C:\Users\gary\AppData\Local\Temp\QUERY.LOG Browse...

Long query time (milliseconds): 30000

Log ODBC driver statistics to the log file:
C:\Users\gary\AppData\Local\Temp\STATS.LOG Browse...

Connect retry count: 1

Connect retry interval (seconds): 10

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The screen below appears. Click the 'Test Data Source...' button.

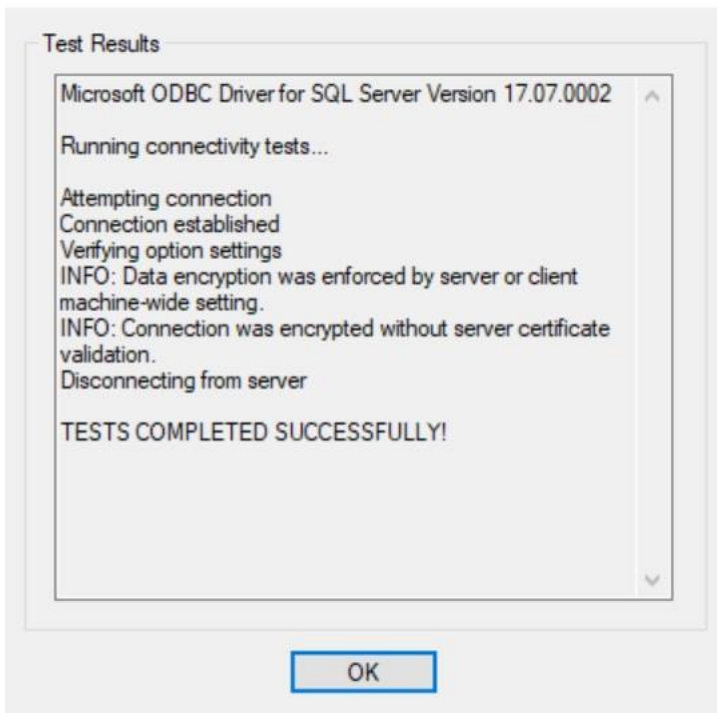
A new ODBC data source will be created with the following configuration:

Microsoft ODBC Driver for SQL Server Version 17.07.0002

Data Source Name: Azure
Data Source Description: Azure connection
Server: servergary.database.windows.net
Use Integrated Security: No
Database: database1
Language: (Default)
Data Encryption: No
Trust Server Certificate: No
Multiple Active Result Sets(MARS): No
Mirror Server:
Translate Character Data: Yes
Log Long Running Queries: No
Log Driver Statistics: No
Use Regional Settings: No
Use ANSI Quoted Identifiers: Yes
Use ANSI Null, Paddings and Warnings: Yes

Test Data Source... OK Cancel

If everything is working correctly the following screen appears:



Click OK then OK then OK

Any local front-end databases that have been prepared for you should now work.