



Various Tools to Manage Azure SQL Database

Template Version: 2.0

Introduction

During this lab, you will learn how to connect to an Azure SQL Database by using the SQL Server Management Studio, SQL Server Data Tools and the Azure Portal.

Estimated Time

20 minutes

Objectives

At the end of this lab, you will be able to:

- Connect to your database using the SQL Server Management Studio
- Connect to your database using the SQL Server Data Tools
- Connect to your database using the Azure Portal

Logon Information

Use the following credentials to login into virtual environment

- Username: Administrator
- Password: Password1

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Lab 1: Connect to Azure SQL Database with various tools

During this lab, you will learn how to connect to Azure SQL Database.

Exercise 1: This lab requires the use of an Azure Trial account.

This exercise shows how to use Azure Trial account.

Tasks

1. Get Your Trial Azure subscription

This lab requires the use of an Azure Trial account. Please go to <https://azure.microsoft.com/en-us/free> and follow the steps to create your own account prior to starting the lab.

Exercise 1 has been completed

Exercise 2: Connect to your logical server with SQL Server Management Studio

This exercise is to practice connecting to your Azure SQL Database with SQL Server Management Studio.

Tasks

1. Connect to the Virtual Machine

Under the Commands menu, select **Ctrl+Alt+Delete**. Then from the Commands menu again select Paste, then Paste Password. Then press Enter to logon to machine.

2. Connect to Azure with SSMS

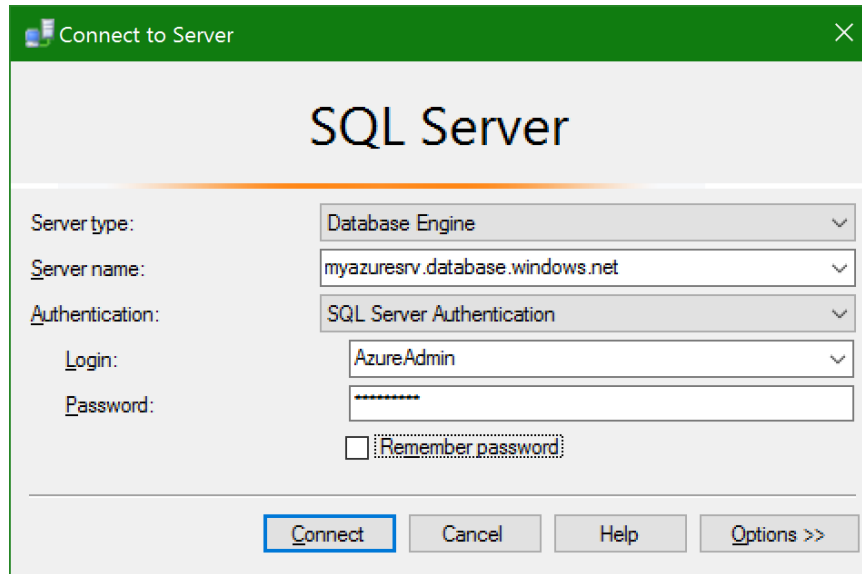
Open SQL Server Management Studio (SSMS). **Enter** the required information to connect to Azure logical server. The required information can be found in the Knowledge section. **Click** Connect.

Server name: myazuresrv.database.windows.net

Authentication: SQL Server Authentication

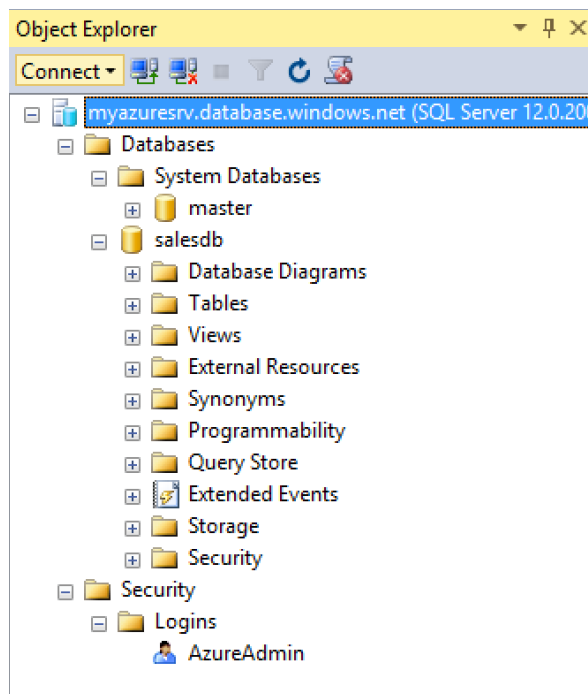
Login: AzureAdmin

Password: Passw0rd1



3. Examine the Object Explorer

Examine the object explorer as it looks different than a regular SQL Instance



4. Check the properties of the database

Right click salesdb, select Properties

5. Go through the pages

Examine the different pages “General, Options, Change Tracking, Permissions, Query Store” and **close** the properties window

6. Open a new Query Window

Right click on the **salesdb** and **select** New Query.

7. Execute the script

Execute the script **Create Tables in salesdb.sql**

Exercise 2 has been completed

Exercise 3: Connect to your logical server with SQL Server Data Tools

This exercise is to practice connecting to your Azure SQL Database with SQL Server Data Tools

Tasks

1. Open SSDT

Open SQL Server Data Tools (SSDT).

2. Open SQL Server Object Explorer

In the top menu select View and select SQL Server Object Explorer

3. Add SQL Server

Right click **SQL Server** and select **Add SQL Server**

4. Connect to Azure with SSDT

Enter the required information to connect to Azure logical server. The required information can be found in the Knowledge section. **Click** Connect.

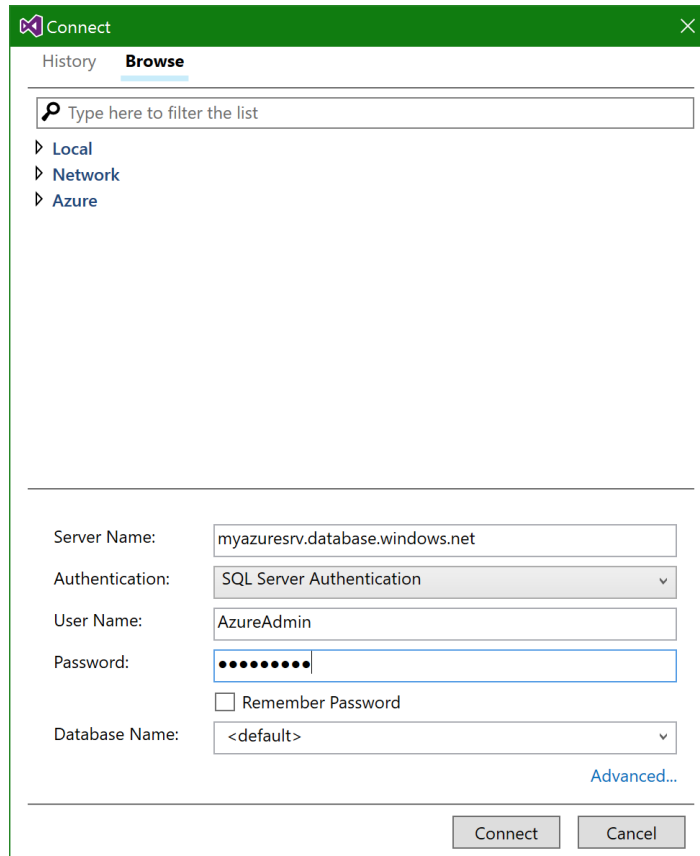
Server name: myazuresrv.database.windows.net

Authentication: SQL Server Authentication

Login: AzureAdmin

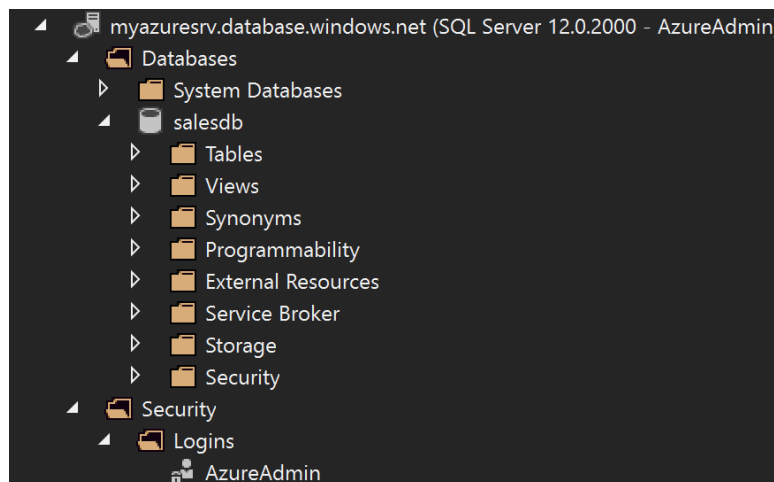
Password: Passw0rd1

Database name: Default



5. Examine the Object Explorer

Examine the object explorer as it looks different than a regular SQL Instance



Exercise 3 has been completed

Exercise 4: Connect to your Azure SQL Database with Azure Portal

This exercise is to practice connecting to your Azure SQL Database with the Azure Portal.

Tasks

1. Connect to Microsoft Azure Portal

Open Internet Explorer and navigate to <http://ms.portal.azure.com> to connect to Microsoft Azure Portal. Login with your subscriptions credential.

2. Click SQL Database

In the left menu, **click** SQL Databases

3. Click salesdb Database

Click salesdb database

4. Examine the options

Examine the Overview, Settings, Monitoring, Support + Troubleshooting

Exercise 4 has been completed