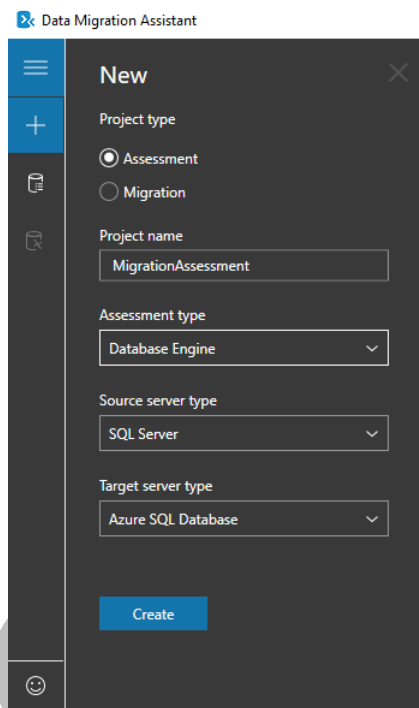


Azure DB Migration – #1 Using Data Migration Assistant

STEP 5 – Using Data Migration Assistant

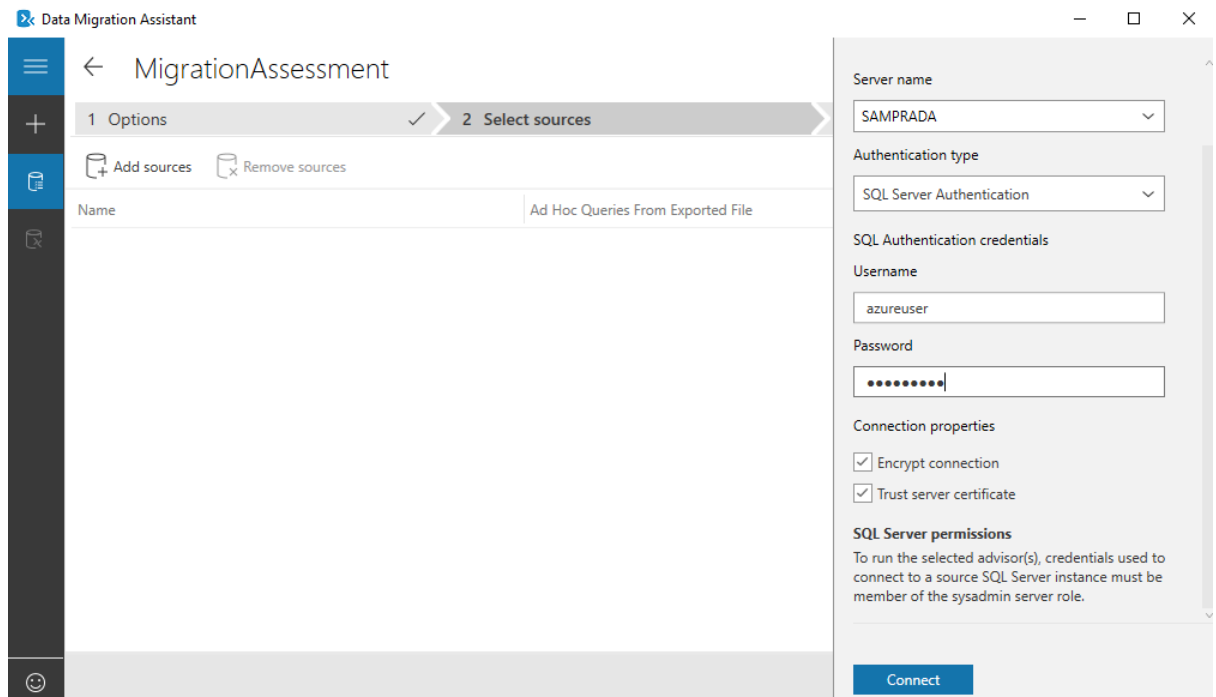
1. Pre-requisites:
 - a. Installation step should be completed. In this step, the installation of Microsoft Data Migration Assistant was done.
 - b. STEP 4 should be completed. This step consists of creating a Azure SQL Database.
2. Launch the Data Migration assistant tool.
3. Click on +
4. Choose the option Assessment



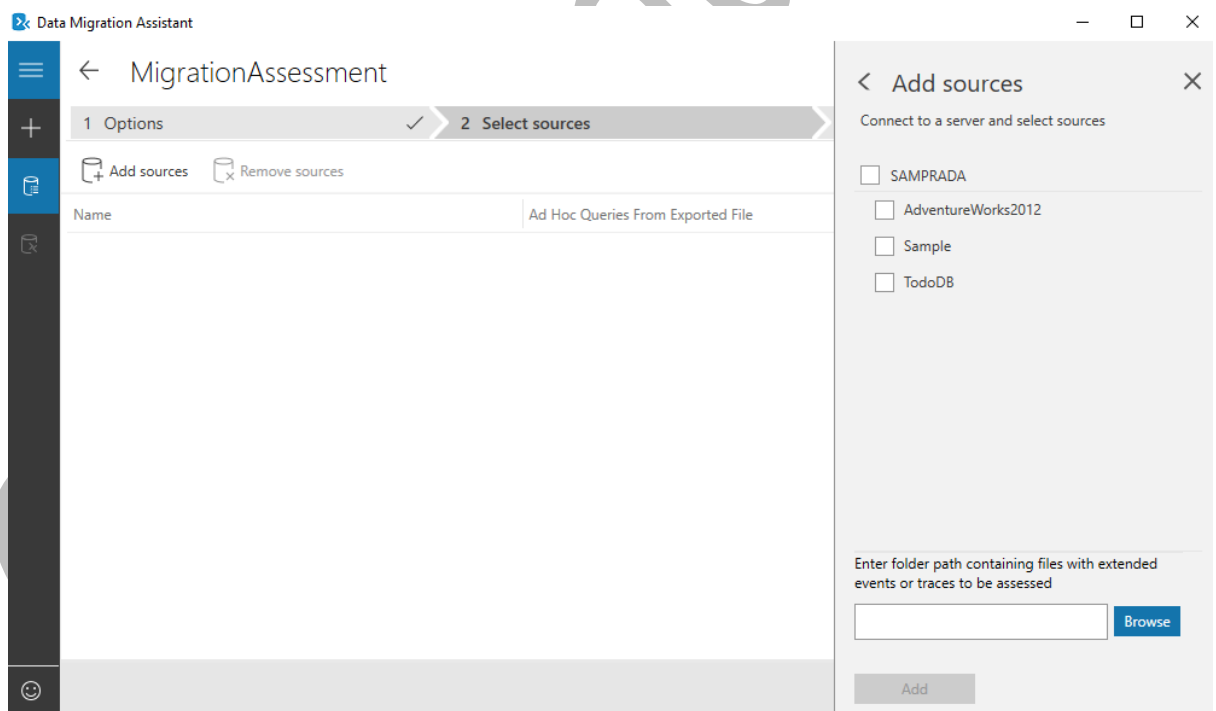
Welcome to Data Migration Assistant
Version: 5.0.0.0



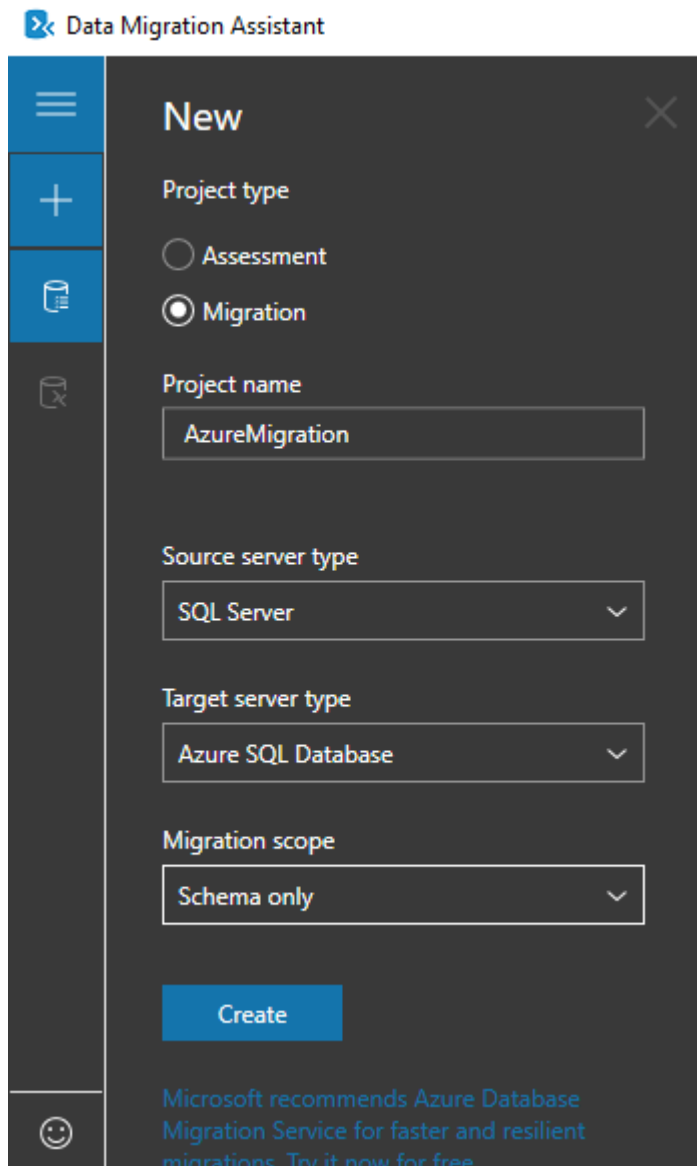
5. In the next screen, click Next, fill in the credentials of the source Server



6. Choose your DataBase in the next screen



7. Click on Start Assessment
8. The assessment should pass.
9. The actual migration can now be initiated. To do this, in the Microsoft Data Migration tool **choose the + option, and select Migration.**



Data Migration Assistant

New

Project type

☐ Assessment

☒ Migration

Project name

AzureMigration

Source server type

SQL Server

Target server type

Azure SQL Database

Migration scope

Schema only

Create

Microsoft recommends Azure Database Migration Service for faster and resilient migrations. Try it now for free.

10. For the sake of this Lab, choose Migration Scope to **Schema only**. The migration to schema & Data can be done as well.
11. In the next screens, fill the credentials for the source & target servers as below

Data Migration Assistant

AzureMigration

1 Select source 2 Select target 3 Select objects 4 Script & deploy schema

SAMPRADA

Authentication type

SQL Server Authentication

SQL Authentication credentials

Username

azureuser

Password

Connection properties

☒ Encrypt connection

☒ Trust server certificate

Source SQL Server permissions

Select a single database from your source server to migrate to Azure SQL Database. If you skip assessing the databases before migration, DMA will not be able to detect the specific schema objects that may fr Skip this option if you have already done the assessment and addressed the objects with breaking changes prior to the mig

Name	Compatibility Level	Assess database before migration?
<input type="radio"/> AdventureWorks2012	110	<input checked="" type="checkbox"/>
<input checked="" type="radio"/> Sample	80	<input checked="" type="checkbox"/>
<input type="radio"/> TodoDB	80	<input checked="" type="checkbox"/>

12. Choose the Target as your Azure Database Server, click Connect. Choose the Azure Database to Migrate to.

Data Migration Assistant

AzureMigration

1 Select source 2 Select target 3 Select objects 4 Script & deploy schema

Connect to target server

☐ Create a new Azure SQL Database...

Server name

azure-migration.database.windows.n

Authentication type

SQL Server Authentication

SQL Authentication credentials

Username

azureuser

Password

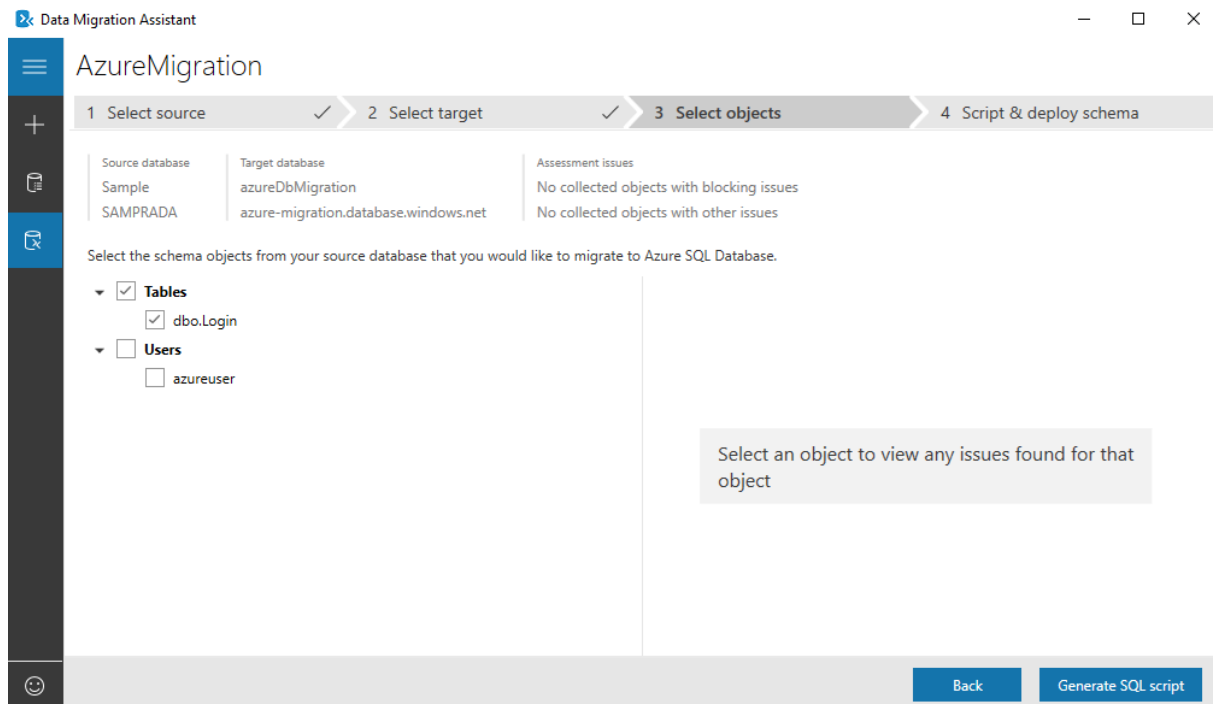
Connection properties

Select a single target database from your target Azure SQL Database server. If you intend to migrate Windows users, make : Target external user domain name

Name	Compatibility Level
<input checked="" type="radio"/> azureDbMigration	80
<input type="radio"/> TodoDB	80

Back Next

13. Click Next. This will generate the script to migrate. At this point, do not choose the "Users"



14. Click Generate SQL Script.

15. Click Deploy Schema.

16. This completes the migration using the Microsoft Data Migration Tool.