

LAB17: Select the optimal Azure SQL target using Migration Assessment

In this lab you will learn how to use the Arc-enabled SQL Server assessment for migration to Azure. This assessment plays a vital role in the success of your cloud migration and modernization journey.

The assessment aggregates all the configuration and performance data and tries to find the best match across various Azure SQL service tiers and configurations and picks a configuration that can match or exceed the SQL instance performance requirements, optimizing the cost.

Student Lab Manual

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Exercise 1: Review and analyze the migration assessment results

Objective

In this exercise you will review the readiness for target deployment types and the Azure SQL size recommendation. The assessment takes into consideration three migration targets; Azure SQL Managed Instances, SQL Server on Azure VM and Azure SQL database.

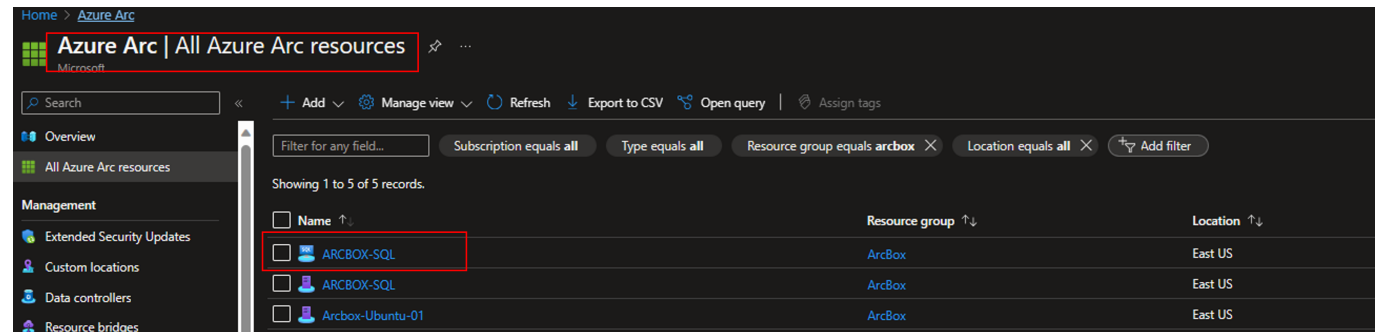
Estimated Time to Complete This Exercise

30 minutes

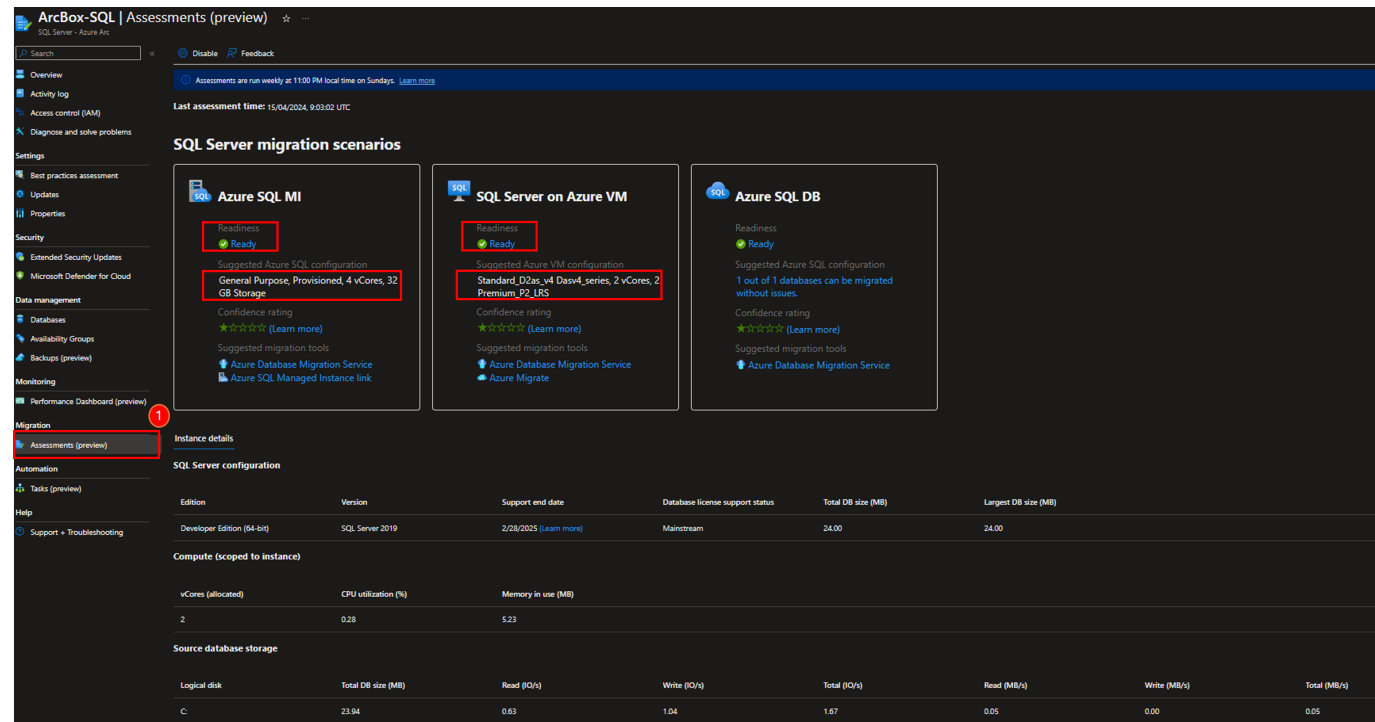
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Task 1: Review the migration readiness to Azure SQL Managed Instance (MI) and SQL Server on Azure VM

1. [] From the Azure portal go to *Azure Arc | All Azure Arc resources* page and select your SQL Server.



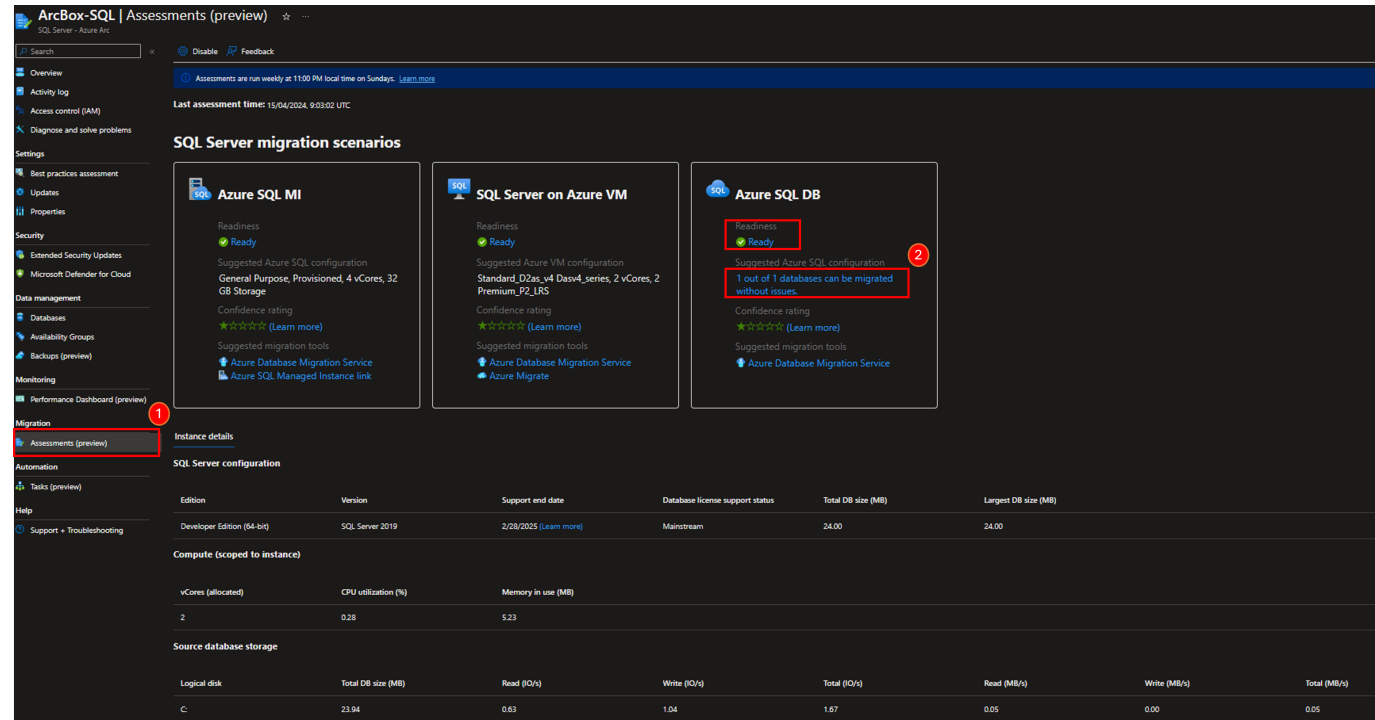
2. [] From the SQL server resource page select *Assessments* (preview) under the *Migration* folder in the left pane. Review the *Readiness* status and the recommended configurations to host your Arc-enabled SQL Server on an Azure SQL MI or on Azure VM. The readiness is based on the performance evaluation for the Arc-enabled SQL Server instances.



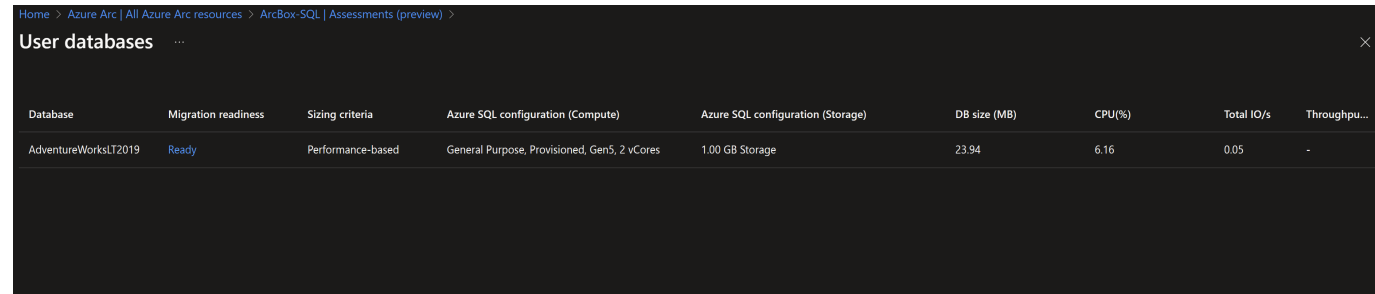
3. [] Review the following link to understand the [assessment confidence rating](#).

Task 2: Review the migration readiness to Azure SQL DB

1. [] On the Assessment page, review the *Readiness* status and the recommended configurations to host specific databases from you Arc-enabled SQL Server to Azure SQL database. Click on the link showing the number of databases that can be migrated without issues.



2. [] Note the database name and recommended Azure SQL DB compute and storage.



3. [] Click the *Ready* link under *Migration readiness* to see migration detail such as issues and warnings.

Exercise 1 has been completed

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