

Migrate SQL Server workload to Azure SQL

Cursusduur: 1 Dag Cursuscode: M-DP3001 Trainingsmethode: Virtual Learning

Beschrijving:

This course prepares you for the task of migrating SQL Server workloads to Azure SQL Database.

You'll learn how to assess SQL Server components and compatibility for migration using the Azure SQL Migration Extension and Database Migration Assistant. This training guides you through the process of provisioning and configuring Azure SQL Database resources. You gain hands-on experience in choosing the best migration option to meet business requirements for downtime, handling migration state, and monitoring database migration.

Additionally, you'll also learn to perform post-migration tasks like disaster recovery and monitoring for Azure SQL Database. These skills are essential for ensuring a smooth, efficient transition to Azure SQL Database, and maintaining its operation post-migration.

Virtueel en Klassikaal™

Virtueel en Klassikaal™ is een eenvoudig leerconcept en biedt een flexibele oplossing voor het volgen van een klassikale training. Met Virtueel en Klassikaal™ kunt u zelf beslissen of u een klassikale training virtueel (vanuit huis of kantoor) of fysiek op locatie wilt volgen. De keuze is aan u! Cursisten die virtueel deelnemen aan de training ontvangen voor aanvang van de training alle benodigde informatie om de training te kunnen volgen.

Doelgroep:

This intermediate course is relevant for Database Administrator, DevOps Engineer, Data Engineer, Support Engineer, Solution Architect and Developer who plan to migrate to Azure SQL.

Doelstelling:

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| ■ During this course, you will learn to: | ■ Configure database authentication and authorization |
| ■ Design a SQL Server migration strategy | ■ Migrate SQL Server workloads to Azure SQL Database |
| ■ Assess SQL Server databases for migration to Azure SQL | ■ Perform post-migration tasks on Azure SQL |
| ■ Deploy PaaS solutions with Azure SQL | |

Vereiste kennis en vaardigheden:

Student should have some experience and knowledge of:

- SQL Server databases.
- SQL Server editions and versions.
- Basic knowledge of security concepts like identities and permissions.
- Experience using the Azure portal to create resources and set permissions.

Cursusinhoud:

Module 1

- Design a SQL Server migration strategy In this module, you'll learn the phases of a migration and the steps involved to ensure your migration project is executed smoothly.
- You'll also learn the purpose of data platform modernization and see the benefits it can bring to your organization.

Module 2

- Assess SQL Server databases for migration to Azure SQL Assessment tools such as Azure SQL Migration extension for Azure Data Studio, Azure Migrate, and Data Migration Assistant facilitate the migration of SQL Server databases to Azure.

Module 3

- Deploy PaaS solutions with Azure SQL Provision and deploy Azure SQL Database and Azure SQL managed instance.
- Select the appropriate options when performing a migration to the SQL PaaS platform.

Module 4

- Configure database authentication and authorization Contrast authentication using Microsoft Entra ID, Windows Active Directory, and SQL Server authentication.
- Implement various security principals and configure permissions.

Module 5

- Migrate SQL Server workloads to Azure SQL Database
- You will explore different migration tools and migrate SQL Server databases to Azure SQL Database.

Module 6

- Perform post-migration tasks on Azure SQL
- You'll explore different features and tools to help you maintain Azure SQL environments.

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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