DP-3001 Migrate SQL Server workload to Azure SQL

Category: Cloud Platforms | **Vendor:** Microsoft Technical

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Microsoft Certified: Azure Database Administrator Associate
Related Exam:	DP-300

Course Overview

This learning path 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.

About This Course

This learning path 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.

Who Should Attend

Experience in administering SQL Server databases., Knowledge of SQL Server editions and versions., Knowledge of basic T-SQL.

Prerequisites & Entry Requirements

General Prerequisites:

- Experience with SQL Server databases.
- Knowledge of 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.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Explore the advantages, capabilities, and migration possibilities offered by Azure SQL Database. Migrate databases using Azure SQL Migration extension for Azure Data Studio and tracking database migration activities. Use transactional replication as an online method to migrate to Azure SQL Database. Explore several other methods for migrating SQL Server databases to Azure SQL Database.

Detailed Course Outline

1 - Design a SQL Server migration strategy

- Examine data platform modernization
- Plan a data migration
- Explore the available data migration technologies

2 - Assess SQL Server databases for migration to Azure SQL

- Review database for compatibility
- Explore assessment options for database migration
- Assess a database with Azure Migration extension
- Assess a database with Azure Migrate
- Assess a database with Data Migration Assistant

3 - Deploy PaaS solutions with Azure SQL

- Explain PaaS options for deploying SQL Server in Azure
- Explore single SQL database
- Deploy SQL database elastic pool
- Understand SQL database hyperscale
- Examine SQL managed instance
- Describe SQL Edge

4 - Configure database authentication and authorization

- Describe Active Directory and Microsoft Entra ID
- Describe authentication and identities
- Describe Security Principals
- Describe database and object permissions
- Identify authentication and authorization failures

5 - Migrate SQL Server workloads to Azure SQL Database

- Choose the right Azure SQL Database feature
- Use Azure SQL migration extension to migrate to Azure SQL Database
- Explore Data Migration Assistant to migrate to Azure SQL Database
- Migrate to Azure SQL Database using BACPAC
- Use an online method to migrate to Azure SQL Database
- Move data to Azure SQL Database

6 - Perform post-migration tasks on Azure SQL

- Migrate SQL logins and groups
- Implement security to protect Azure SQL
- Implement compliance controls for sensitive data
- Monitor database performance
- Configure high availability and disaster recovery
- Automate database tasks for scalability

, Design a SQL Server migration strategy, Assess SQL Server databases for migration to Azure SQL, Deploy PaaS solutions with Azure SQL, Configure database authentication and authorization, Migrate SQL Server workloads to Azure SQL Database, Perform post-migration tasks on Azure SQL

□□ Certification Path

Microsoft Certified: Azure Database Administrator Associate

Exam: DP-300

Upcoming Schedule

Available training dates for DP-3001 Migrate SQL Server workload to Azure SQL:

Start Date	End Date	Location	Delivery	Price
15 Jan 2027	15 Jan 2027	Online	Virtual	€695.00

Frequently Asked Questions

Q: What delivery options are available for DP-3001 Migrate SQL Server workload to Azure SQL?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The DP-3001 Migrate SQL Server workload to Azure SQL course helps prepare you for the Microsoft Certified: Azure Database Administrator Associate certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the DP-300 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day DP-3001 Migrate SQL Server workload to Azure SQL course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the DP-3001 Migrate SQL Server workload to Azure SQL training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for DP-3001 Migrate SQL Server workload to Azure SQL?

Yes, we provide corporate training, dedicated training, and closed classes for DP-3001 Migrate SQL Server workload to Azure SQL. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: DP-3001: Migrate SQL Server Workload To Azure SQL, Microsoft, vILT, DP-3001

Q: Why choose Nexus Human for DP-3001 Migrate SQL Server workload to Azure SQL?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your DP-3001 Migrate SQL Server workload to Azure SQL training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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