Training: Microsoft

DP-300T00: Implement scalable database solutions using Azure SQL

Microsoft Partner

TRANING TERMS

2026-12-15 | 4 days | Virtual Classroom

TRAINING GOALS:

This course provides students with the knowledge and skills to create a SQL Server database infrastructure for cloud, on-premises and hybrid relational databases and who work with the Microsoft PaaS relational database offerings.

Audience Profile:
The audience for this course is data professionals managing data and databases who want to learn about administering the data platform technologies that are available on Microsoft Azure. This course is also valuable for data architects and application developers.

CONSPECT:

- Plan and implement data platform resources
  - Module 1: Prepare to maintain SQL Server-based databases on Azure
  - Module 2: Deploy IaaS solutions with Azure SQL
  - Module 3: Deploy PaaS solutions with Azure SQL
  - Module 4: Migrate SQL Server workloads to Azure SQL Database
  - Module 5: Migrate SQL Server workloads to Azure SQL Managed Instance
- Implement a secure environment for a database service
  - Module 1: Configure database authentication and authorization
  - Module 2: Protect data in-transit and at rest
  - Module 3: Implement compliance controls for sensitive data
- Monitor and optimize operational resources in Azure SQL
  - Module 1: Describe performance monitoring
  - Module 2: Configure SQL Server resources for optimal performance
  - Module 3: Configure databases for optimal performance

Compendium Centrum Edukacyjne Spółka z o.o.
ul. Tatarska 5, 30-103 Kraków, tel.: (12) 298 47 77
ul. Postępu 18B, 02-676 Warszawa, tel.: (22) 417 41 70
BNP Paribas Bank Polska S.A.
EUR: PL 79 1600 1462 1853 6451 3000 0006
USD: PL 52 1600 1462 1853 6451 3000 0007

- Optimize query performance in Azure SQL
  - Module 1: Explore query performance optimization
  - Module 2: Explore performance-based database design
  - Module 3: Evaluate performance improvements
- Automate database tasks for Azure SQL
  - Module 1: Automate database deployment
  - Module 2: Create and manage SQL Agent jobs
  - Module 3: Manage Azure PaaS tasks using automation
- Plan and implement a high availability and disaster recovery environment
  - Module 1: Describe high availability and disaster recovery strategies
  - Module 2: Explore IaaS and PaaS solutions for high availability and disaster recovery
  - Module 3: Back up and restore databases

REQUIREMENTS:

Familiarity with on-premises virtualization technologies, network configuration (TCP/IP, DNS, VPNs, firewalls), ability to create an on-premises SQL Server database, ability to write T-SQL code at a basic level, and experience creating resources using the Azure portal.

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Microsoft (course completion). This course will help prepare you for the **Microsoft Certified: Azure Database Administrator Associate** certification exam (Exam DP-300), which is available through the Pearson VUE test centers.

TRAINER:

Microsoft Certified Trainer (MCT)

Compendium Centrum Edukacyjne Spółka z o.o.
ul. Tatarska 5, 30-103 Kraków, tel.: (12) 298 47 77
ul. Postępu 18B, 02-676 Warszawa, tel.: (22) 417 41 70
BNP Paribas Bank Polska S.A.
EUR: PL 79 1600 1462 1853 6451 3000 0006
USD: PL 52 1600 1462 1853 6451 3000 0007