Implement scalable database solutions using Azure SQL (DP-300T00)

ID DP-300T00 **Price** CHF 2,750.—(excl. VAT) **Duration** 4 days

Who should attend

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 who need to understand what technologies are available for the data platform with Azure and how to work with those technologies through applications.

This course is part of the following Certifications

Microsoft Certified: Azure Database Administrator Associate (MCADAA)

Course Content

Plan and implement data platform resources

- Prepare to maintain SQL Server-based databases on Azure
- Deploy IaaS solutions with Azure SQL
- Deploy PaaS solutions with Azure SQL
- Migrate SQL Server workloads to Azure SQL Database
- Migrate SQL Server workloads to Azure SQL Managed Instance

Implement a secure environment for a database service

- Configure database authentication and authorization
- Protect data in-transit and at rest
- Implement compliance controls for sensitive data

Monitor and optimize operational resources in Azure SQL

- Describe performance monitoring
- Configure SQL Server resources for optimal performance
- Configure databases for optimal performance

Optimize query performance in Azure SQL

- Explore query performance optimization
- Explore performance-based database design
- Evaluate performance improvements

Automate database tasks for Azure SQL

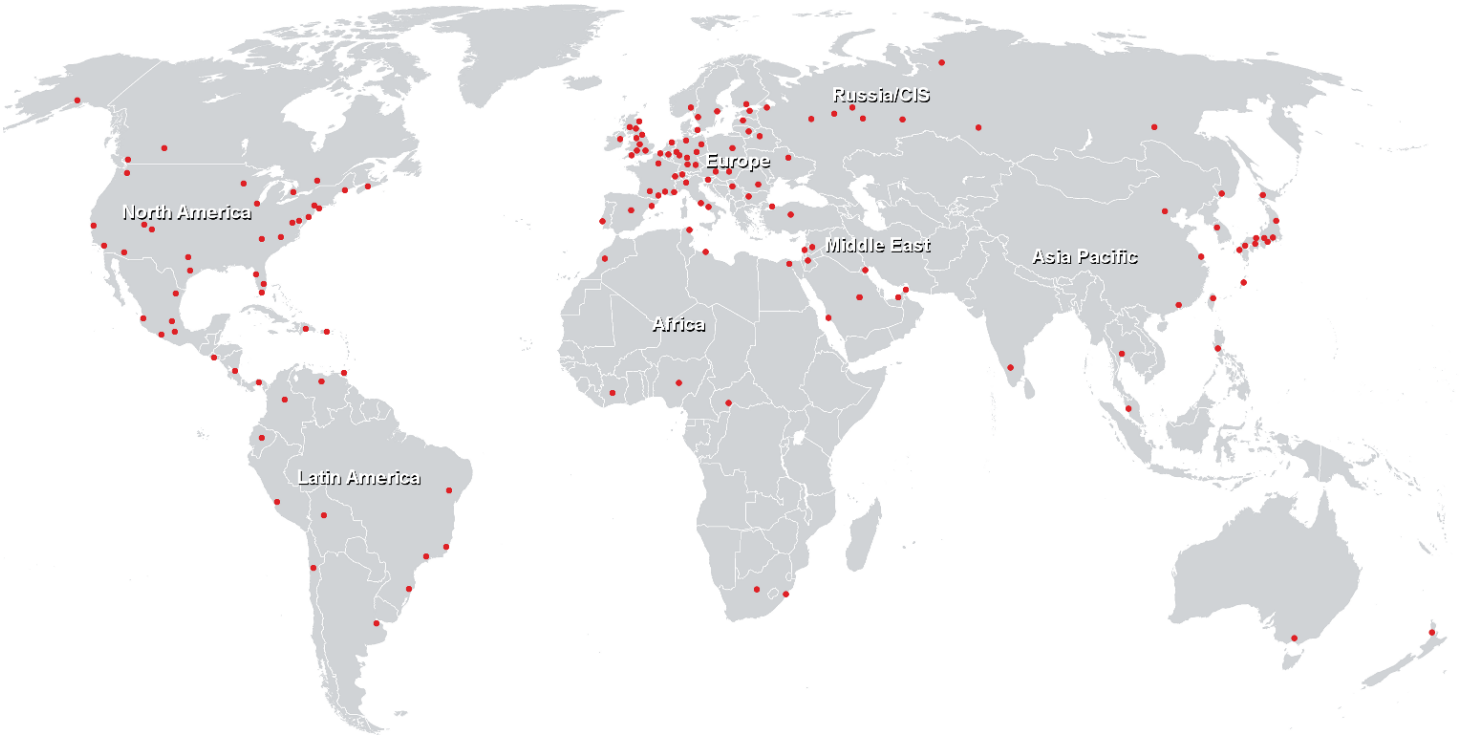
- Automate database deployment
- Create and manage SQL Agent jobs
- Manage Azure PaaS tasks using automation

Plan and implement a high availability and disaster recovery environment

- Describe high availability and disaster recovery strategies
- Explore IaaS and PaaS solutions for high availability and disaster recovery
- Back up and restore databases

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