

MDAI-12 - MOC DP-300T00 - ADMINISTERING MICROSOFT AZURE SQL SOLUTIONS

Categoria: **Data & AI**

INFORMAZIONI SUL CORSO



Durata:
4 Giorni



Categoria:
Data & AI



Qualifica Istruttore:
Microsoft Certified
Trainer



Dedicato a:
Professionista IT



Produttore:
Microsoft

OBIETTIVI

This course provides students with the knowledge and skills to administer a SQL Server database infrastructure for cloud, on-premises and hybrid relational databases and who work with the Microsoft PaaS relational database offerings. Additionally, it will be of use to individuals who develop applications that deliver content from SQL-based relational databases.

PREREQUISITI

Successful Azure Database Administrators start this role with professional experience in database management and technical knowledge of cloud technologies.

At a minimum, you should know the information in the following courses before attending the course:

- AZ-900T00 - Azure Fundamentals
- DP-900T00 - Azure Data Fundamentals

CONTENUTI

Introduction to Azure database administration

- Prepare to maintain SQL databases on Azure

Plan and implement data platform resources

- Deploy IaaS solutions with Azure SQL
- Deploy PaaS solutions with Azure SQL
- Evaluate strategies for migrating to Azure SQL
- Migrate SQL workloads to Azure SQL Databases
- Migrate SQL workloads to Azure Managed Instances

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 design
- Evaluate performance improvements

Automate database tasks for Azure SQL

- Automate deployment of database resources
- 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

INFO

Esame: DP-300 - Administering Microsoft Azure SQL Solutions

Materiale didattico: Materiale didattico ufficiale Microsoft in formato digitale

Costo materiale didattico: incluso nel prezzo del corso a Calendario

Natura del corso: Operativo (previsti lab su PC)