

# 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.

Specifically:

- Working with, maintaining, and developing with SQL Server
- Experience with Azure, such as deploying and managing resources

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

**Prepare to maintain SQL databases on Azure**

**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**

Configure database authentication and authorization

Protect data in-transit and at rest

Implement compliance controls for sensitive data

Describe performance monitoring

Configure SQL Server resources for optimal performance

Configure databases for optimal performance

Explore query performance optimization

Evaluate performance improvements

Explore performance-based design

Automate deployment of database resources

Create and manage SQL Agent jobs

Manage Azure PaaS tasks using automation

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)