MDAI-12 - MOC DP-300T00 - IMPLEMENT SCALABLE DATABASE SOLUTIONS USING AZURE SQL

Categoria: **Data & AI**

INFORMAZIONI SUL CORSO

Durata:	Categoria:	Qualifica Istruttore:	Dedicato a:	Produttore:
4 Giorni	Data & AI	Microsoft Certified Trainer	Professionista IT	Microsoft

OBIETTIVI

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. Additionally, it will be of use to individuals who develop applications that deliver content from SQL-based relational databases.

PREREQUISITI

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

- -AZ-900T00 - Introduction to Cloud Infrastructure
- -DP-900T00 - Introduction to Microsoft Azure Data

CONTENUTI

Plan and implement data platform resources

- -Deploy IaaS solutions with Azure SQL
- -Deploy PaaS solutions with Azure SQL
- -Migrate SQL workloads to Azure SQL Databases
- -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 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

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)