MAZR-11 - MOC AZ-305T00 - DESIGN MICROSOFT AZURE INFRASTRUCTURE SOLUTIONS

Categoria: **Azure**

INFORMAZIONI SUL CORSO

Durata:	Categoria:	Qualifica Istruttore:	Dedicato a:	Produttore:
4 Giorni	Azure	Microsoft Certified Trainer	Analista	Microsoft

OBIETTIVI

This course teaches Azure Solution Architects how to design infrastructure solutions. Course topics cover governance, compute, application architecture, storage, data integration, authentication, networks, business continuity, and migrations. The course combines lecture with case studies to demonstrate basic architect design principles.

PREREQUISITI

Successful students have experience and knowledge in IT operations, including networking, virtualization, identity, security, business continuity, disaster recovery, data platforms, and governance. Students also have experience designing and architecting solutions. Before attending this course, students must have previous experience deploying or administering Azure resources and strong conceptual knowledge of:

- -Azure compute technologies such as VMs, containers and serverless solutions
- -Azure virtual networking to include load balancers
- -Azure Storage technologies (unstructured and databases)
- -General application design concepts such as messaging and high availability

Prerequisite course (or equivalent knowledge and hands-on experience):

- -Course: AZ-104: Microsoft Azure Administrator

CONTENUTI

Microsoft Azure Architect Design Prerequisites

- -Describe the core architectural components of Azure
- -Describe Azure compute and networking services
- -Describe Azure storage services
- -Describe Azure identity, access, and security
- -Introduction to the Microsoft Cloud Adoption Framework
- -Introduction to the Microsoft Azure Well-Architected Framework

Design identity, governance, and monitor solutions

- -Design governance

-Design authentication and authorization solutions
-Design a solution to log and monitor Azure resources

Design business continuity solutions
-Describe high availability and disaster recovery strategies
-Design a solution for backup and disaster recovery

Design data storage solutions
-Design a data storage solution for non-relational data
-Design a data storage solution for relational data
-Design data integration

Design infrastructure solutions
-Design an Azure compute solution
-Design an application architecture
-Design network solutions
-Design migrations

Build great solutions with the Microsoft Azure Well-Architected Framework
-Introduction to the Microsoft Azure Well-Architected Framework
-Microsoft Azure Well-Architected Framework - Reliability
-Microsoft Azure Well-Architected Framework - Security
-Microsoft Azure Well-Architected Framework - Cost Optimization
-Microsoft Azure Well-Architected Framework - Operational Excellence
-Microsoft Azure Well-Architected Framework - Performance Efficiency

INFO

Esame: AZ-305 - Designing Microsoft Azure Infrastructure Solutions
Materiale didattico: Materiale didattico ufficiale Microsoft in formato digitale
Costo materiale didattico: incluso nel prezzo del corso a Calendario
Natura del corso: Teorico Metodologico