



AZ-305T00 - Design Microsoft Azure Infrastructure Solutions

Microsoft - Microsoft Security - Virtualizzazione e Cloud

Durata:

4 Giorni

Lingue:

Italiano

Certificazione:

Microsoft Certified: Azure Solutions Architect Expert

ITCore Group

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Descrizione del corso

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.

Skills gained

Due to this course, students will learn how:

- Design a governance solution.
- Design a compute solution.
- Design an application architecture.
- Design storage, non-relational and relational.
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- Design data integration solutions.
- Design authentication, authorization, and identity solutions.
- Design network solutions.
- Design backup and disaster recovery solutions.
- Design monitoring solutions.
- Design migration solutions.

Audience profile

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.

Prerequisites

Before attending this course, students must have previous experience deploying or administering Azure resources and strong conceptual knowledge of:

- Azure Active Directory
- 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

Programma

Module 1: Design governance and compute solutions

- Design a governance solution
- Design a compute solution

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- Design for application architectures

Module 2: Design storage and data integration solutions

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

Module 3: Design app architecture, access, and monitoring solutions

- Design authentication and authorization solutions
- Design networking solution

Module 4: Design network, continuity, and migration solutions

- Design for backup and disaster recovery
- Design monitoring solutions
- Design for migrations

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