SC-100T00 - Microsoft Cybersecurity Architect

Microsoft - Microsoft Security - Cyber Security

Durata:	Lingue:	Certificazione:
4 Giorni	**Italiano**	**Microsoft Certified: Cybersecurity Architect Expert**

Descrizione del corso

This is an advanced, expert-level course. Although not required to attend, students are strongly encouraged to have taken and passed another associate level certification in the security, compliance and identity portfolio (such as AZ-500, SC-200 or SC-300) before attending this class. This course prepares students with the expertise to design and evaluate cybersecurity strategies in the following areas: Zero Trust, Governance Risk Compliance (GRC), security operations (SecOps), and data and applications. Students will also learn how to design and architect solutions using zero trust principles and specify security requirements for cloud infrastructure in different service models (SaaS, PaaS, IaaS).

Prerequisites

Before attending this course, students must have:

• Highly recommended to have attended and passed one of the associate level certifications in the security, compliance and identity portfolio (such as AZ-500, SC-200 or SC-300)

• Content of the courses Microsoft Azure Administrator (AZ-104T00), Microsoft 365 Administrator (MS-102T00) and Microsoft Security Operations Analyst (SC-200T00) or equivalent knowledge.

• Advanced experience and knowledge in identity and access, platform protection, security operations, securing data and securing applications.

• Experience with hybrid and cloud implementations.

This course is part of the following Certifications:Microsoft Certified: Cybersecurity Architect Expert

Programma

Module 1:Design solutions that align with security best practices and priorities

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- Introduction to Zero Trust and best practice frameworks
- Design security solutions that align with the Cloud Adoption Framework (CAF) and Well-Architected Framework (WAF)
- Design solutions that align with the Microsoft Cybersecurity Reference Architecture (MCRA) and Microsoft cloud security benchmark (MCSB)
- Design a resiliency strategy for ransomware and other attacks based on Microsoft Security Best Practice

Module 2:Design security operations, identity, and compliance capabilities

- Design solutions for regulatory compliance
- Design solutions for identity and access management
- Design solutions for securing privileged access
- Design solutions for security operations
- Interactive case study: Modernizing identity and data security

Module 3: Design security solutions for applications and data

- Design solutions for securing Microsoft 365
- Introduction to security for Exchange, Sharepoint, OneDrive and Teams
- Design solutions for securing applications
- Design solutions for securing an organization’s data

Module 4:Design security solutions for infrastructure

- Specify requirements for securing SaaS, PaaS, and IaaS services
- Introduction to security for SaaS, PaaS, and IaaS
- Design solutions for security posture management in hybrid and multicloud environments
- Design solutions for securing server and client endpoints
- Design solutions for network security