

## SC-100T00: Microsoft Cybersecurity Architect

**Course Duration: 32 Hours**

**Course code: SC-100T00**

### 1. Course Overview

The **SC-100T00: Microsoft Cybersecurity Architect** course is designed to equip professionals with the advanced skills needed to design and evolve cybersecurity strategies that protect an organization's digital assets. This course focuses on governance, risk compliance, security operations, and architectural solutions across Microsoft security technologies. You will learn how to translate business requirements into a secure technical strategy, integrating security solutions across identity, devices, data, applications, and infrastructure.

### 2. What You'll Learn?

By the end of this course, you will be able to:

- Evaluate and design security strategies aligned with business goals.
- Design Zero Trust architectures and security solutions across Microsoft platforms.
- Integrate Microsoft security technologies to create a holistic protection framework.
- Implement governance risk compliance (GRC) processes.
- Develop strategies for data protection, identity management, and threat modeling.
- Lead security operations teams in designing secure solutions for hybrid and cloud environments.

### 3. Target Audience

This course is ideal for:

- **Cybersecurity Architects** and security leaders responsible for designing security strategies.
- **IT Professionals** with experience in Microsoft security solutions.
- **Security Engineers, Identity Administrators, and Compliance Managers** transitioning into architect roles.
- **Enterprise Architects** seeking advanced Microsoft security design capabilities.

## 4. Pre-Requisites

Before attending this course, learners should have:

- Expert-level skills in at least one of the following areas: Microsoft security operations, identity and access management, information protection, or compliance.
- Strong knowledge of hybrid and cloud security principles.
- Completion of one or more of the following certifications (recommended, not mandatory):
  - **SC-200:** Microsoft Security Operations Analyst
  - **SC-300:** Microsoft Identity and Access Administrator
  - **SC-400:** Microsoft Information Protection Administrator

## 5. Course Content

### Module 1: Build an overall security strategy and architecture

- Design security posture assessments
- Align business requirements with security strategies
- Implement Zero Trust principles

## **Module 2: Design security for infrastructure**

- Secure Microsoft Azure workloads
- Design hybrid security for on-premises and cloud
- Implement network security and segmentation strategies

## **Module 3: Design security for identity and access**

- Implement identity governance and lifecycle management
- Integrate Azure AD with enterprise applications
- Secure privileged access

## **Module 4: Design security for data and applications**

- Implement data classification and loss prevention strategies
- Secure application development and APIs
- Integrate security into DevOps

## **Module 5: Design security for operations**

- Establish Security Operations Center (SOC) processes
- Implement threat intelligence and incident response
- Conduct security monitoring and continuous improvement