



# Microsoft Cybersecurity Architect (SC-100T00)

**ID** SC-100T00 **Price** 2,690.— €(excl. tax) **Duration** 4 days

## Course Overview

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).

## Who should attend

This course is for experienced cloud security engineers who have taken a previous certification in the security, compliance and identity portfolio. Specifically, students should have advanced experience and knowledge in a wide range of security engineering areas, including identity and access, platform protection, security operations, securing data, and securing applications. They should also have experience with hybrid and cloud implementations. Beginning students should instead take the course SC-900: Microsoft Security, Compliance, and Identity Fundamentals.

## This course is part of the following Certifications

Microsoft Certified: Cybersecurity Architect Expert (MCCAIE)

## 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 [Defend against cyberthreats with Microsoft's security operations platform \(SC-200T00\)](#) 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.

## Course Content

### Design solutions that align with security best practices and priorities

- 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 Practices

### 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
- Interactive case study: Modernizing user access control and threat resilience

### Design security solutions for applications and data

- Evaluate solutions for securing Microsoft 365
- Design solutions for securing applications
- Design solutions for securing an organization's data
- Interactive case study: Securing apps and data

### Design security solutions for infrastructure

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



- Interactive case study: Securing endpoints and infrastructure

## Detailed Course Outline

### Module 1: SC-100: Design solutions that align with security best practices and priorities

- Introduction to Zero Trust and best practice frameworks
- Design 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 Practices
- Case study: Design solutions that align with security best practices and priorities

### Module 2: SC-100: 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
- Case study: Design security operations, identity and compliance capabilities

### Module 3: SC-100: Design security solutions for applications and data

- Design solutions for securing Microsoft 365
- Design solutions for securing applications
- Design solutions for securing an organization's data
- Case study: Design security solutions for applications and data

### Module 4: SC-100: Design security solutions for infrastructure

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

# About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

## Fast Lane Services

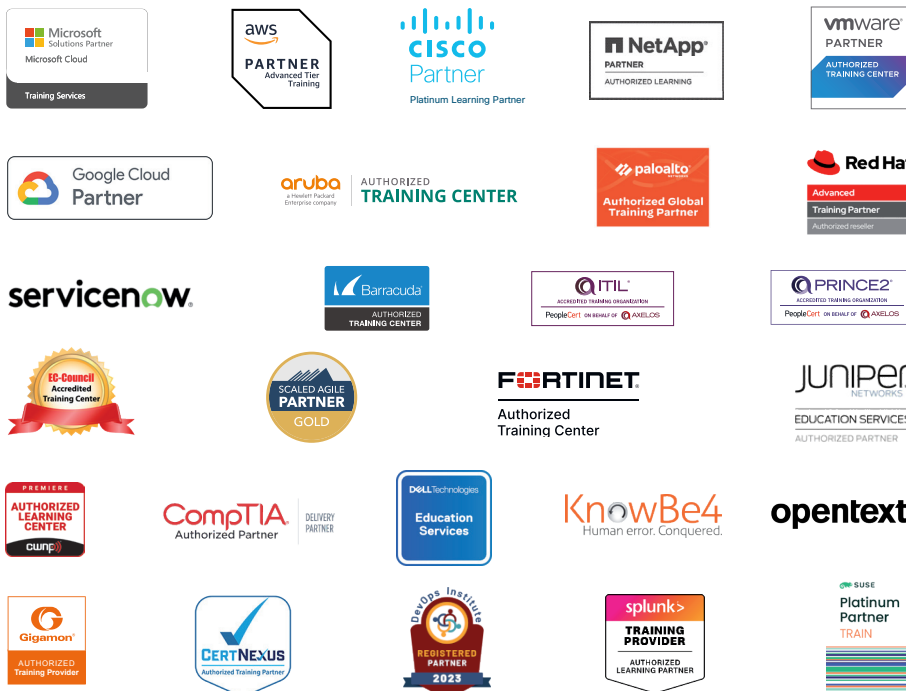
- ✓ High End Technology Training
- ✓ Business & Soft Skill Training
- ✓ Consulting Services
- ✓ Managed Training Services
- ✓ Digital Learning Solutions
- ✓ Content Development
- ✓ Remote Labs
- ✓ Talent Programs
- ✓ Event Management Services

## Training Methods

- ✓ Classroom Training
- ✓ Instructor-Led Online Training
- ✓ FLEX Classroom – Classroom & Online Hybrid
- ✓ Onsite & Customized Training
- ✓ E-Learning
- ✓ Blended & Hybrid Learning
- ✓ Mobile Learning

## Technologies & Solutions

- ✓ Digital Transformation
- ✓ Artificial Intelligence
- ✓ Cloud
- ✓ Networking
- ✓ Cyber Security
- ✓ Wireless & Mobility
- ✓ Modern Workplace
- ✓ Data Center



**Worldwide Presence**  
with high-end training centers  
around the globe



**Multiple Awards**  
from vendors such as AWS,  
Microsoft, Cisco, Google, NetApp,  
VMware



**Experienced SMEs**  
with over 19.000 combined  
certifications

### Germany

**Fast Lane Institute for Knowledge  
Transfer GmbH**  
Tel. +49 40 25334610  
info@flane.de / www.flane.de

### Austria

**ITLS GmbH**  
(Partner of Fast Lane)  
Tel. +43 1 6000 8800  
info@itls.at / www.itls.at

### Switzerland

**Fast Lane Institute for Knowledge  
Transfer (Switzerland) AG**  
Tel. +41 44 8325080  
info@flane.ch / www.flane.ch