ITTcert
BY ORSYS

Course : Microsoft Cybersecurity Architect (Microsoft SC-100)

Official SC-100 course, exam preparation

Practical course - 4d - 28h00 - Ref. SC1
Price : 2830 € E.T.

With this training course, you'll develop advanced expertise in designing and evaluating cybersecurity strategies tailored to businesses. You'll learn how to build a Zero Trust approach, manage risk, compliance and security operations, and secure data and applications. You'll also learn how to define security requirements for cloud infrastructures, whether SaaS, PaaS or IaaS, and design robust solutions based on the right principles.

Teaching objectives

At the end of the training, the participant will be able to:

- Designing a global cybersecurity strategy for an organization
- Apply Zero Trust principles at all levels (users, data, applications, infrastructure)
- Define governance, risk management and compliance (GRC) policies
- Design security solutions for cloud (IaaS, PaaS, SaaS) and hybrid environments
- Coordinate security efforts between SecOps, identity, data and application teams
- Evaluate and improve security architecture on an ongoing basis

Intended audience
Experienced, Microsoft-certified security engineers with expertise in identity, protection, security operations, data, applications and hybrid cloud environments.

Prerequisites
Good understanding of cybersecurity, governance, risk management and compliance concepts, with associate-level certification recommended (such as AZ-500, SC-200 or SC-300).

Practical details

Teaching methods

Training in French. Official course material in digital format and in English. Good understanding of written English.

Course schedule

1 **Design solutions aligned with best practices and security priorities**

- Introduction au Zero Trust et aux cadres de bonnes pratiques.
- Solutions basées sur le Cloud Adoption Framework et le Well-Architected Framework.
- Solutions conformes au MCRA et au Microsoft Cloud Security Benchmark.
- Resilience strategies against ransomware and advanced attacks.

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- Design solutions for regulatory compliance.
- Design identity and access management solutions.
- Design solutions to secure privileged access.
- Design solutions for security operations.

Case study
Modernize identity and data security, user access control and threat resilience.

3 **Designing security solutions for applications and data**

- Designing Microsoft 365 security.
- Designing application security.
- Design solutions to secure an organization's data.

Case study
Secure applications and data.

4 **Designing security solutions for infrastructure**

- Specify security requirements for SaaS, PaaS and IaaS services.
- Design security posture management in hybrid and multicloud environments.
- Design solutions to secure server and client terminals.
- Design network security solutions.

Case study
Secure terminals and infrastructure.

Options

Certification : 200 € HT

Obtaining one of these certifications is strongly recommended for the SC-100 exam: AZ-500, SC-200 or SC-300. Successful completion of the SC-100 exam leads to certification as a Microsoft Certified Cybersecurity Architect Expert.
Comment passer votre examen ?

The certification option comes in the form of a voucher and practice tests that will allow you to practise and take the exam at the end of the training course.

Dates and locations

REMOTE CLASS
2026 : 24 Mar., 16 June, 29 Sep., 1 Dec.