



MICROSOFT TRAINING

SC-100: Microsoft Cybersecurity Architect

Design and implement comprehensive Microsoft cybersecurity solutions. Achieve the SC-100 certification and lead your organization's security posture.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

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COURSE OVERVIEW

The SC-100: Microsoft Cybersecurity Architect course is meticulously crafted for experienced security professionals who aspire to design and evolve robust cybersecurity strategies within complex Microsoft environments. This program provides a high-level strategic overview, equipping you with the expertise to translate an organization's business needs into secure, resilient, and compliant solutions leveraging the full spectrum of Microsoft's security technologies. You will gain insights into integrating security across hybrid infrastructures, ensuring robust protection for identity, data, applications, and infrastructure. This course is ideal for those looking to solidify their strategic leadership in cybersecurity. This condensed program focuses on the critical architectural considerations required to implement a comprehensive Zero Trust strategy, manage security operations, and ensure compliance across Microsoft Azure and Microsoft 365 ecosystems. You'll explore advanced topics such as designing security for IaaS, PaaS, and SaaS solutions, implementing governance and risk management frameworks, and integrating threat response using Microsoft Defender XDR and Microsoft Sentinel. The curriculum emphasizes strategic decision-making and the holistic integration of security services to build adaptable and scalable security postures. By completing this course, you will solidify your understanding of how to architect sophisticated security solutions that meet stringent business and regulatory requirements. It's an invaluable step for those looking to advance into leadership roles, offering the strategic insight needed to guide organizations in securing their digital estates, minimize risks, and drive innovation within a dynamic threat landscape, all while harnessing Microsoft's leading-edge security capabilities.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft
Exam Code	SC-100

COURSE CURRICULUM

01 Module 1: Design a Zero Trust Strategy and Architecture

- Introduction to Zero Trust principles
- Designing Zero Trust for identity, data, and network
- Implementing security governance and risk management
- Security operations strategy and integration

02 Module 2: Design Security for Microsoft Cloud Environments

- Azure IaaS, PaaS, and SaaS security considerations
- Microsoft 365 security architecture
- Hybrid cloud security integration
- Compliance and regulatory requirements in the cloud

03 Module 3: Design Identity and Access Management Solutions

- Architecting Azure Active Directory (Entra ID) for enterprises
- Implementing privileged identity management (PIM)
- Designing authentication and authorization strategies
- Conditional Access policies and access reviews

04 Module 4: Design Data and Application Security Solutions

- Data classification and protection strategies

- Designing application security postures
- Securing APIs and microservices
- Threat modeling for applications and data

05 Module 5: Design Security Operations and Incident Response

- Architecting Microsoft Sentinel for SIEM/SOAR
- Implementing Microsoft Defender XDR solutions
- Designing incident response workflows
- Threat intelligence integration and automation

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Lead Microsoft Cloud Security Architect**
- > **Enterprise Cybersecurity Strategist (Microsoft Ecosystems)**
- > **Senior Security Consultant - Azure & Microsoft 365**

FREQUENTLY ASKED QUESTIONS

Q: How does the SC-100 course specifically enhance my ability to design robust, enterprise-level security solutions using the Microsoft security ecosystem?

This course elevates your ability to strategically design comprehensive cybersecurity solutions by focusing on architectural principles like Zero Trust, security governance, and risk management across Azure and Microsoft 365. You will gain a deeper understanding of integrating Microsoft Defender XDR, Azure AD/Entra ID, and Microsoft Sentinel to create unified, resilient security postures that align with an organization's business objectives and regulatory compliance.

Q: What foundational knowledge or certifications are recommended prerequisites for successfully tackling the SC-100: Microsoft Cybersecurity Architect course?

Given its architect-level focus, it is highly recommended that participants possess significant experience in implementing and managing security solutions across Microsoft platforms. Ideal prerequisites include expertise equivalent to or holding certifications such as Microsoft Certified: Azure Security Engineer Associate (AZ-500) and Microsoft Certified: Security Operations Analyst Associate (SC-200), or Microsoft 365 Security Administrator Associate (MS-500/SC-300). A strong understanding of Azure, Microsoft 365, and hybrid environments is crucial.

Q: Beyond theoretical concepts, what practical architectural frameworks or design patterns will I learn to apply in real-world scenarios through this SC-100 course?

While the 2-hour format provides a strategic overview rather than deep hands-on implementation, this course equips you with the foundational architectural frameworks to critically evaluate and design security solutions. You will learn to apply Microsoft's Cloud Adoption Framework for Security, Zero Trust principles for identity and network segmentation, and best practices for integrating security services. The focus is on developing a strategic mindset to create scalable, compliant, and defensible architectures that can be implemented in diverse enterprise environments.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

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Take the next step in your technology career.

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