

MS-SC900T00: INTRODUCTION TO MICROSOFT SECURITY, COMPLIANCE, AND IDENTITY

DURATION	LEVEL	TECHNOLOGY	DELIVERY METHOD	CERTIFICATION
1 Day	Beginner	Azure, Microsoft 365	Instructor-led	SC-900 Exam

INTRODUCTION

This course provides introductory level knowledge on security, compliance, and identity concepts and related cloud-based Microsoft solutions.

AUDIENCE PROFILE

The audience for this course is looking to obtain an introduction to security, compliance, and identity (SCI) across cloud-based and related Microsoft services. The content for this course aligns to the SC-900 exam objective domain. Candidates should be familiar with Microsoft Azure and Microsoft 365 and understand how Microsoft security, compliance, and identity solutions can span across these solution areas to provide a holistic and end-to-end solution.

PREREQUISITES

Before attending this course, students must have:

- General understanding of networking and cloud computing concepts.
- General IT knowledge or any general experience working in an IT environment.
- General understanding of Microsoft Azure and Microsoft 365.

COURSE OBJECTIVES

After completing this course, students will be able to:

- Describe basic concepts of security, compliance, and identity.
- Explain the capabilities of Microsoft Entra (Azure Active Directory) for identity and access management.
- Outline the fundamentals of Microsoft security solutions, including Microsoft Defender and Microsoft Sentinel.
- Summarize compliance concepts and identify solutions within Microsoft Purview.
- Understand how Microsoft solutions integrate to provide a comprehensive security posture.

COURSE CONTENT

Module 1: Introduction to security, compliance, and identity concepts

Learn about core concepts that are foundational to security, compliance, and identity solutions, including shared responsibility, Zero Trust, data residency, the role of identity providers, and more.

Module 1.1: Describe security and compliance concepts

Learn about common security and compliance concepts that are foundational to Microsoft solutions. Topics include the shared responsibility and Zero Trust models, encryption, data residency and data sovereignty, and more.

Module 1.2: Describe identity concepts

Learn about the key concepts of authentication and authorization and why identity is important in securing corporate resources. You'll also learn about some identity-related services.

Module 2: Introduction to Microsoft Entra

Microsoft Entra ID is Microsoft's cloud-based identity and access management solution. Learn about Microsoft Entra services and identity principals, secure authentication, access management capabilities, as well as identity protection and governance.

Module 2.1: Describe the function and identity types of Microsoft Entra ID

Microsoft Entra ID is Microsoft's cloud-based identity and access management solution that connects people to their apps, devices, and data. Learn about the functions and identity types supported by Microsoft Entra ID.

Module 1.2: Describe the authentication capabilities of Microsoft Entra ID

Learn about the authentication capabilities of Microsoft Entra ID, including multifactor authentication, and how they improve security. You'll also learn about self-service password reset (SSPR) and the password protection and management capabilities.

Module 2.3: Describe access management capabilities of Microsoft Entra

A key function of Microsoft Entra is to manage access. Learn about Microsoft's Security Service Edge (SSE) solution, conditional access,

Module 2.4: Describe the identity protection and governance capabilities of Microsoft Entra

Microsoft Entra provides identity protection and governance capabilities. Learn about these capabilities, the use cases, and benefits.

and how Microsoft Entra roles and role-based access control (RBAC) help organizations manage access.

Module 3: Introduction to Microsoft security solutions

Learn about security capabilities in Microsoft. Topics covered will include network and platform capabilities of Azure, Azure security management, and Sentinel. You'll learn about threat protection with Microsoft Defender XDR and Microsoft 365 security management.

Module 3.1: Describe Microsoft Security Copilot

Get acquainted with Microsoft Security Copilot. You're introduced to some basic terminology, how Microsoft Security Copilot processes prompts, the elements of an effective prompt, and how to enable the solution.

Module 3.3: Describe the security management capabilities in Azure

Learn about Microsoft Defender for Cloud and the capabilities it brings together to protect your cloud through secure score, recommendations, and enhanced features that provide cloud workload protection.

Module 3.5: Describe threat protection with Microsoft Defender XDR

Protect against cyber threats with Microsoft Defender XDR across endpoints, identities, email, and applications.

Module 3.2: Describe core infrastructure security services in Azure

Learn about capabilities Azure supports to protect your network, VMs, and your data.

Module 3.4: Describe security capabilities of Microsoft Sentinel

Learn about Microsoft Sentinel a scalable, cloud-native, security information event management (SIEM), and security orchestration automated response (SOAR) solution. In this module, you'll also be introduced to Microsoft Security Copilot.

Module 4: Introduction to Microsoft Priva and Microsoft Purview

Learn about compliance solutions in Microsoft. Topics covered will include the Microsoft Purview compliance portal, Information protection and governance in Microsoft 365, Insider Risk, audit, and eDiscovery solutions. Also covered are Azure resources governance capabilities.

Module 4.1: Describe Microsoft's Service Trust portal and privacy capabilities

Microsoft runs on trust! Here you'll explore the Service Trust Portal for content on how Microsoft delivers on our commitment of trust. You'll also learn about Microsoft Priva, a solution to help meet privacy goals.

Module 4.3: Describe the data compliance solutions of Microsoft Purview

Learn how Microsoft Purview data compliance solutions help organizations manage risk and regulatory requirements.

Module 4.2: Describe the data security solutions of Microsoft Purview

Describe the data security solutions of Microsoft Purview.

Module 4.4: Describe the data governance solutions of Microsoft Purview

Learn about Microsoft Purview data governance solutions that leverage AI and modern technologies to ensure data quality, security, and compliance while also accelerating value creation.

ASSOCIATED CERTIFICATIONS & EXAM

This course will prepare delegates to write the SC-900 Security, Compliance, and Identity Fundamentals Exam