

Zielbox Security, Compliance, and Identity Fundamentals – SC-900



About this course

Course Description

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

Level:

Beginner

Audience

This course is targeted to those looking to familiarize themselves with the fundamentals of security, compliance, and identity (SCI) across cloud based and related Microsoft services.

This is a broad audience that may include business stakeholders, new or existing IT professionals, or students that have an interest in Microsoft security, compliance, and identity solutions.

The person taking this content should be familiar with Microsoft Azure and Microsoft 365 and wants to understand how Microsoft security, compliance, and identity solutions can span across these solution areas to provide a holistic and end-to-end solution.

The content for this course aligns to the SC-900 exam objective domain.

Prerequisites

- 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.

Expected learning

- Describe the concepts of Security, Compliance, and Identity.
- Describe the capabilities of Microsoft Azure Active Directory (Azure AD), part of Microsoft Entra.
- Describe the capabilities of Microsoft security solutions.
- Describe the capabilities of Microsoft Compliance Solutions.

Course Syllabus

Module 1 - Describe basic concepts of security, compliance, and identity

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

- Lesson 1 - Describe security and compliance concepts.
- Lesson 2 - Describe identity concepts.

Module 2 - Describe the capabilities of Microsoft Azure Active Directory (Azure AD), part of Microsoft Entra

Azure Active Directory is the tool for identity and access management in the Microsoft Cloud. Learn about Azure AD services and identity principals, secure authentication, access management capabilities, as well as identity protection and governance.

- Lesson 1 - Describe the basic services and identity types of Azure AD.
- Lesson 2 - Describe the authentication capabilities of Azure AD.
- Lesson 3 - Describe the access management capabilities of Azure AD.
- Lesson 4 - Describe the identity protection and governance capabilities of Azure AD.

Module 3 - Describe the capabilities of Microsoft security solutions

Learn about Microsoft's security solutions. Topics covered include network and platform capabilities of Azure, Azure security management with Microsoft Defender for Cloud, and Microsoft Sentinel. You'll learn about threat protection with Microsoft 365 Defender.

- Lesson 1 - Describe the basic security capabilities in Azure.
- Lesson 2 - Describe the security management capabilities of Azure.
- Lesson 3 - Describe the security capabilities of Microsoft Sentinel.
- Lesson 4 - Describe threat protection capabilities with Microsoft 365 Defender

Module 4 - Describe the capabilities of Microsoft compliance solutions

Learn about Microsoft's Service Trust Portal. You'll learn about Microsoft Purview, a comprehensive set of solutions that help you govern, protect, and manage your entire data estate. You'll also learn about Azure resource governance capabilities.

- Lesson 1 - Describe the Service Trust Portal and Privacy with Microsoft.
- Lesson 2 - Describe the compliance management capabilities of Microsoft Purview.
- Lesson 3 - Describe information protection and data lifecycle management in Microsoft Purview.
- Lesson 4 - Describe the insider risk capabilities in Microsoft Purview.
- Lesson 5 - Describe the eDiscovery and audit capabilities of Microsoft Purview.

- Lesson 6 - Describe the resource governance capabilities in Azure.

SC-900 Certification Exam

The [SC-900 Microsoft Security, Compliance, and Identity Fundamentals](#) certification exam is designed for candidates looking to demonstrate foundational level knowledge of security, compliance, and identity (SCI) across cloud-based and related Microsoft services.

This audience is broad and may include business stakeholders, new or existing IT professionals, or students who have an interest in Microsoft security, compliance, and identity solutions.

Candidates should be familiar with Microsoft Azure and Microsoft 365 and want to understand how Microsoft security, compliance, and identity solutions can span across these solution areas to provide a holistic and end-to-end solution.

This exam can be taken as an **optional** first step in learning about Microsoft security, compliance, and identity. While it would be a beneficial first step, validating foundational level knowledge, taking this exam is not a pre-requisite before taking any other Microsoft security-based certifications.

The exam includes four study areas. The percentages indicate the relative weight of each area on the exam. The higher the percentage, the more questions the exam will contain. Be sure to read the exam page for specifics about what skills are covered in each area.

SC-900 Study Areas	Weights
Describe the Concepts of Security, Compliance, and Identity	15-20%
Describe the capabilities of Microsoft Identity and Access Management Solutions	15-20%
Describe the capabilities of Microsoft Security Solutions	20-25%
Describe the Capabilities of Microsoft Compliance Solutions	25-30%

Note: The study area, “Describe the capabilities of Microsoft Identity and Access Management Solutions,” maps to the module titled “Describe the capabilities of Microsoft Azure Active Directory (Azure AD), part of Microsoft Entra.

- ✓ This exam does not include a hands-on testing component.