Microsoft

Exam SC-900: Microsoft Security, Compliance, and Identity Fundamentals - Skills Measured

Audience Profile

This exam is targeted to you, if you're looking to familiarize yourself with the fundamentals of security, compliance, and identity (SCI) across cloud-based and related Microsoft services.

If you have an interest in Microsoft SCI solutions, this exam is for you, whether you're a:

- Business stakeholder
- New or existing IT professional
- Student

You should be familiar with Microsoft Azure and Microsoft 365 and want to understand how Microsoft SCI solutions can span across these solution areas to provide a holistic and end-to-end solution.

Skills Measured

NOTE: The bullets that appear below each of the skills measured are intended to illustrate how we are assessing that skill. This list is not definitive or exhaustive.
NOTE: Most questions cover features that are General Availability (GA). The exam may contain questions on Preview features if those features are commonly used.

Describe the concepts of security, compliance, and identity (10–15%)

Describe security and compliance concepts

- Describe the shared responsibility model
- Describe defense-in-depth
- Describe the Zero Trust model
- Describe encryption and hashing
- Describe Governance, Risk, and Compliance (GRC) concepts

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Define identity concepts

- Define identity as the primary security perimeter
- Define authentication
- Define authorization
- Describe identity providers
- Describe the concept of directory services and Active Directory
- Describe the concept of federation

Describe the capabilities of Microsoft Entra (25–30%)

Describe function and identity types of Microsoft Entra ID

- Describe Microsoft Entra ID
- Describe types of identities
- Describe hybrid identity

Describe authentication capabilities of Microsoft Entra ID

- Describe the authentication methods
- Describe multi-factor authentication (MFA)
- Describe password protection and management capabilities

Describe access management capabilities of Microsoft Entra ID

- Describe Conditional Access
- Describe Microsoft Entra roles and role-based access control (RBAC)

Describe identity protection and governance capabilities of Microsoft Entra

- Describe Microsoft Entra ID Governance
- Describe access reviews
- Describe the capabilities of Microsoft Entra Privileged Identity Management
- Describe Entra ID Protection
- Describe Microsoft Entra Permissions Management

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Microsoft

Describe the capabilities of Microsoft security solutions (35–40%)

Describe core infrastructure security services in Azure

- Describe Azure distributed denial-of-service (DDoS) Protection
- Describe Azure Firewall
- Describe Web Application Firewall (WAF)
- Describe network segmentation with Azure virtual networks
- Describe network security groups (NSGs)
- Describe Azure Bastion
- Describe Azure Key Vault

Describe security management capabilities of Azure

- Describe Microsoft Defender for Cloud
- Describe Cloud Security Posture Management (CSPM)
- Describe how security policies and initiatives improve the cloud security posture
- Describe enhanced security features provided by cloud workload protection

Describe capabilities of Microsoft Sentinel

- Define the concepts of security information and event management (SIEM) and security orchestration automated response (SOAR)
- Describe threat detection and mitigation capabilities in Microsoft Sentinel

Describe threat protection with Microsoft 365 Defender

- Describe Microsoft 365 Defender services
- Describe Microsoft Defender for Office 365
- Describe Microsoft Defender for Endpoint
- Describe Microsoft Defender for Cloud Apps
- Describe Microsoft Defender for Identity
- Describe Microsoft Defender Vulnerability Management
- Describe Microsoft Defender Threat Intelligence (Defender TI)
- Describe the Microsoft 365 Defender portal

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Describe the capabilities of Microsoft compliance solutions (20–25%)

Describe Microsoft Service Trust Portal and privacy principles

- Describe the Service Trust Portal offerings
- Describe the privacy principles of Microsoft
- Describe Microsoft Priva

Describe compliance management capabilities of Microsoft Purview

- Describe the Microsoft Purview compliance portal
- Describe Compliance Manager
- Describe the uses and benefits of compliance score

Describe information protection, data lifecycle management, and data governance capabilities of Microsoft Purview

- Describe the data classification capabilities
- Describe the benefits of Content explorer and Activity explorer
- Describe sensitivity labels and sensitivity label policies
- Describe data loss prevention (DLP)
- Describe records management
- Describe retention policies, retention labels, and retention label policies
- Describe unified data governance solutions in Microsoft Purview

Describe insider risk, eDiscovery, and audit capabilities in Microsoft Purview

- Describe insider risk management
- Describe eDiscovery solutions in Microsoft Purview
- Describe audit solutions in Microsoft Purview

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