

# 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







#### 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

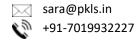
Describe access management capabilities of Microsoft Entra ID

- 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







# 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







# 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



