

## **SC-900: Microsoft Security, Compliance, and Identity Fundamentals**

From 25 April 2024, with minor changes from 26 July 2024

	<b>Describe the concepts of security, compliance, and identity (10-15%)</b>
	<b>Describe security and compliance concepts</b>
1	Describe the shared responsibility model
2	Describe defense in depth
3	Describe the Zero-Trust model
4	Describe encryption and hashing
5	Describe Governance, Risk, and Compliance (GRC) concepts
	<b>Define identity concepts</b>
6	Define identity as the primary security perimeter
7	Define authentication
8	Define authorization
9	Describe identity providers
10	Describe the concept of directory services and Active Directory
11	Describe the concept of federation
	<b>Describe the capabilities of Microsoft Entra (25-30%)</b>
	<b>Describe function and identity types of Microsoft Entra ID</b>
12	Describe Microsoft Entra ID
13	Describe types of identities
14	Describe hybrid identity
(15)	Describe the different external identity types
	<b>Describe authentication capabilities of Microsoft Entra ID</b>
16	Describe the authentication methods
17	Describe multi-factor authentication (MFA)
(18)	Describe self-service password reset
19	Describe password protection and management capabilities
	<b>Describe access management capabilities of Microsoft Entra ID</b>
20	Describe Conditional Access
21, 22	Describe Microsoft Entra roles and role-based access control (RBAC)
	<b>Describe identity protection and governance capabilities of Microsoft Entra</b>
23	Describe Microsoft Entra ID Governance
24	Describe access reviews
25	Describe the capabilities of Microsoft Entra Privileged Identity Management
26	Describe Microsoft Entra ID Protection
26a	Describe Microsoft Entra Permissions Management

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

#### Describe core infrastructure security services in Azure

- 27 Describe Azure distributed denial-of-service (DDoS) Protection
- 28 Describe Azure Firewall
- 29 Describe Web Application Firewall (WAF)
- 30 Describe network segmentation with Azure virtual networks
- 31 Describe network security groups (NSGs)
- 32 Describe Azure Bastion
- 33 Describe Azure Key Vault

#### Describe security management capabilities of Azure

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

#### Describe capabilities of Microsoft Sentinel

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

#### Describe threat protection with Microsoft Defender XDR

- 40 Describe Microsoft Defender XDR services
- 41 Describe Microsoft Defender for Office 365
- 42 Describe Microsoft Defender for Endpoint
- 43 Describe Microsoft Defender for Cloud Apps
- 44 Describe Microsoft Defender for Identity
- 44a Describe Microsoft Defender Vulnerability Management
- 44b Describe Microsoft Defender Threat Intelligence (Defender TI)
- 45 Describe the Microsoft Defender portal

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	Describe the capabilities of Microsoft compliance solutions (25-30%)
	Describe Microsoft's Service Trust Portal and privacy principles
46	Describe the Service Trust Portal offerings
47	Describe the privacy principles of Microsoft
47a	Describe Microsoft Priva
	Describe compliance management capabilities of Microsoft Purview
48	Describe the Microsoft Purview compliance portal
49	Describe Compliance Manager
50	Describe the use and benefits of compliance score
	Describe information protection, data lifecycle management, and data governance capabilities of Microsoft Purview
51	Describe the data classification capabilities
52	Describe the benefits of Content explorer and Activity explorer
53	Describe sensitivity labels and sensitivity label policies
54	Describe data loss prevention (DLP)
55	Describe records management
56	Describe retention policies, retention labels and retention label policies
57	Describe unified data governance solutions in Microsoft Purview
	Describe insider risk, eDiscovery, and audit capabilities in Microsoft Purview
58	Describe insider risk management
59	Describe eDiscovery solutions in Microsoft Purview
60	Describe audit solutions in Microsoft Purview