

Microsoft Security, Compliance and Identity Fundamentals



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Online Course

Microsoft Security, Compliance and Identity Fundamentals

Course Modules

1. 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



2. Define identity concepts

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

3. Describe function and identity types of Microsoft Entra ID

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

4. Describe authentication capabilities of Microsoft Entra ID

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



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5. Access management capabilities of MS Entra ID

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

6. Protection and governance capabilities of MS Entra

- Describe Microsoft Entra ID Governance
- Describe access reviews
- Capabilities of MS Entra Privileged Identity Management
- Describe Entra ID Protection
- Describe Microsoft Entra Permissions Management

7. Describe core infrastructure security services in Azure

- 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



8. Describe security management capabilities of Azure

- Describe Microsoft Defender for Cloud
- Describe Cloud Security Posture Management (CSPM)
- How security policies & initiatives improve the cloud security
- Describe enhanced security features provided



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1. Describe capabilities of Microsoft Sentinel

- Concepts of SIEM and SOAR.
- Threat detection & mitigation capabilities in MS Sentinel

2. 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



3. Describe MS Service Trust Portal and privacy principles

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

12. Compliance management capabilities of MS Purview

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

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13. Protection, data lifecycle management, & data governance

- 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
- Retention policies, retention labels, & retention label policies
- Unified data governance solutions in Microsoft Purview

14. Insider risk, eDiscovery, and audit capabilities

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

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