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Learning Style: Virtual Classroom

Technology: Microsoft

Difficulty: Beginner

Course Duration: 1 Day

Microsoft Security, Compliance, and Identity Fundamentals (SC-900T00)



About this Course:

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

Course Objectives:

- Describe basic concepts of security, compliance, and identity.
- Describe the concepts and capabilities of Microsoft identity and access management solutions.
- Describe the capabilities of Microsoft security solutions.
- Describe the compliance management capabilities in Microsoft.

Audience:

- The audience for this course is looking to familiarize themselves with the fundamentals of security, compliance, and identity (SCI) across cloud-based and related Microsoft services. The content for this course aligns to the SC-900 exam objective domain. Candidates should be familiar with Microsoft Azure and Microsoft 365 and understand how Microsoft security, compliance, and identity solutions can span across these solution areas to provide a holistic and end-to-end solution.

Prerequisites:

Before attending this course, students must have:

- 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.

Course Outline:

Module 1: Describe basic concepts of security, compliance, and identity.

Learn about core concepts and methodologies that are foundational to security, compliance, and identity solutions, including Zero-Trust, shared responsibility, the role of identity providers, and more.

Lessons

- Describe security and compliance concepts and methodologies
- Describe identity concepts

After completing this module, students will be able to:

- Describe security and compliance concepts and methodologies
- Describe identity concepts

Module 2: Describe the concepts and capabilities of Microsoft identity and access management solutions

Learn about Azure AD services and identity principals, secure authentication, access management capabilities, as well as identity protection and governance.

Lessons

- Describe the basic services and identity types of Azure AD
- Describe the authentication capabilities of Azure AD
- Describe the access management capabilities of Azure AD
- Describe the identity protection and governance capabilities of Azure AD

Lab : Explore Azure Active Directory

Lab : Explore Azure AD Authentication with self- service password rese

Lab : Explore access management in Azure AD with Conditional Access

Lab : Explore identity governance in Azure AD with Privileged Identity Management

After completing this module, students will be able to:

- Describe the basic services and identity types of Azure AD
- Describe the authentication capabilities of Azure AD.
- Describe the access management capabilities of Azure AD.
- Describe the identity protection and governance capabilities of Azure AD.

Module 3: Describe the capabilities of Microsoft security solutions

Learn about security capabilities in Microsoft. Topics covered will include network and platform capabilities of Azure, Azure security management, and Sentinel. You?ll learn about threat protection with Microsoft 365 Defender and Microsoft 365 security management, and you'll explore endpoint protection with Intune.

Lessons

- Describe the basic security capabilities in Azure
- Describe the security management capabilities of Azure
- Describe the security capabilities of Azure Sentinel
- Describe the threat protection capabilities of Microsoft 365
- Describe the security management capabilities of Microsoft 365
- Describe endpoint security with Microsoft Intune

Lab : Explore Microsoft Cloud App Security

Lab : Explore Azure Sentinel

Lab : Explore Azure Security Center

Lab : Explore Azure Network Security Groups (NSGs)

Lab : Explore the Microsoft 365 Defender portal

Lab : Explore Microsoft Intune

After completing this module, students will be able to:

- Describe the basic security capabilities in Azure.
- Describe the security management capabilities of Azure.
- Describe the security capabilities of Azure Sentinel.
- Describe the threat protection capabilities of Microsoft 365.
- Describe the security management capabilities of Microsoft 365.
- Describe endpoint security with Microsoft Intune.

Module 4: Describe the capabilities of Microsoft compliance solutions

Learn about compliance solutions in Microsoft. Topics covered will include Compliance center, Information protection and governance in Microsoft 365, Insider Risk, audit, and eDiscovery solutions. Also covered are Azure resources governance capabilities.

Lessons

- Describe the compliance management capabilities in Microsoft
- Describe the information protection and governance capabilities of Microsoft 365
- Describe the insider risk capabilities in Microsoft 365
- Describe the eDiscovery and audit capabilities of Microsoft 365
- Describe the resource governance capabilities in Azure

Lab : Explore Azure Policy

Lab : Explore Insider Risk Management in Microsoft 365

Lab : Explore the Service Trust Portal

Lab : Explore the Microsoft 365 compliance center & Compliance Manager

Lab : Explore sensitivity labels in Microsoft 365

Lab : Explore Insider Risk Management in Microsoft 365

After completing this module, students will be able to:

- Describe the compliance management capabilities in Microsoft.
- Describe the information protection and governance capabilities of Microsoft 365.
- Describe the insider risk capabilities in Microsoft 365.
- Describe the eDiscovery and audit capabilities of Microsoft 365.
- Describe the resource governance capabilities in Azure

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